Mrs Angie Motshekga,
Minister of Basic
Education

Mr Enver Surty,
Deputy Minister
of Basic Education

These workbooks have been developed for the children of South Africa under the leadership of the Minister of Basic Education, Mrs Angie Motshekga, and the Deputy Minister of Basic Education, Mr Enver Surty.

The Rainbow Workbooks form part of the Department of Basic Education's range of interventions aimed at improving the performance of South African learners. As one of the priorities of the Government's Plan of Action, this project has been made possible by the generous funding of the National Treasury. This has enabled the Department to make these workbooks available at no cost.

We hope that teachers will find these workbooks useful in their everyday teaching and in ensuring that their learners cover the curriculum. We have taken care to guide the teacher through each of the activities by the inclusion of icons that indicate what it is that the learner should do.

We sincerely hope that children will enjoy working through the book as they grow and learn, and that you, the teacher, will share their pleasure.

We wish you and your learners every success in using these workbooks.

ISBN 978-1-920458-93-5

Rainbow WORKBOOKS

MATHEMATICS IN ENGLISH
GRADE 2 – BOOK 1
TERMS 1 & 2
ISBN 978-1-920458-93-5

THIS BOOK MAY NOT BE SOLD.

MATHEMATICS IN ENGLISH – Grade 2 Book 1

1 2 3 4

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ISBN 978-1-920458-93-5

Grade 2

Name:

Class:

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MATHEMATICS IN ENGLISH

Book 1

Terms 1 & 2

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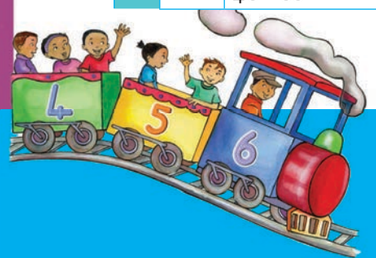


A BILL OF RESPONSIBILITIES

FOR THE YOUTH OF SOUTH AFRICA

Preamble:

I accept the call to responsibility that comes with the many rights and freedoms that I have been privileged to inherit from the sacrifice and suffering of those who came before me. I appreciate that the rights enshrined in the Constitution of the Republic of South Africa are inseparable from my duties and responsibilities to others. Therefore I accept that with every right comes a set of responsibilities.

MY RESPONSIBILITY IN ENSURING THE RIGHT...

South Africa is a diverse nation, and equality does not mean uniformity, or that we are all the same.

Our country's motto: !KE E: /XARRA // KE, meaning "Diverse people unite", calls on all of us to build a common sense of belonging and national pride, celebrating the very diversity which makes us who we are. It also calls on us to extend our friendship and warmth to all nations and all the peoples of the world in our endeavour to build a better world.

TO HUMAN DIGNITY

- treat people with reverence, respect and dignity as we all belong to the human race.
- to be kind, compassionate and sensitive to every human being, including greeting them warmly and speaking to them courteously.

TO EQUALITY

- treat every person equally and fairly.
- not to discriminate unfairly against anyone on the basis of race, gender, sex, pregnancy, marital status, ethnic or social origin, colour, sexual orientation, age, disability, religion, conscience, belief, culture, class, language or birth.

TO WORK

- work hard and do our best in everything we do.
- recognise that living a good and successful life involves hard work, and that anything worthwhile only comes with effort.
- this right must never be used for exploitation by exposing children to child labour.

TO LIVE IN A SAFE ENVIRONMENT

- promote sustainable development, and the conservation and preservation of the natural environment.
- protect animal and plant-life, as well as the responsibility to prevent pollution.
- not to litter, and to ensure that our homes, schools, streets and other public places are kept neat and tidy.
- in the context of climate change, we are also obliged to ensure we do not waste scarce resources like water and electricity.

TO FREEDOM AND SECURITY OF THE PERSON

- not hurt, bully or intimidate others or allow others to do so.
- solve any conflict in a peaceful manner.
- to take action to protect my safety and the safety of others.

TO OWN PROPERTY

- respect the property of others.
- take pride in and protect both private and public property, and not to take what belongs to others.
- give generously to charity and good causes, where I am able to do so.

TO FREEDOM OF RELIGION, BELIEF AND OPINION

- allow others to choose and practise the religion of their choice, and to hold their own beliefs and opinions, without fear or prejudice.
- respect the beliefs and opinions of others, and their right to express these, even when we may strongly disagree with these beliefs and opinions. That is what it means to be a free democracy.

TO FREEDOM OF EXPRESSION

- express views which do not advocate hatred, or are based on prejudices with regard to race, ethnicity, gender or religion.
- we must therefore take responsibility to ensure this right is not abused by ourselves or others, to not tell or spread lies, and to ensure others are not insulted or have their feelings hurt.

TO CITIZENSHIP

- to participate actively in the activities of the community and affairs of the country.
- obey the laws of our country, ensuring that others do so as well.
- contribute in every possible way to making South Africa a great country.

TO FAMILY OR PARENTAL CARE

- honour and respect my parents, and to help them.
- to be kind and loyal to my family, to my brothers and sisters, my grandparents and all my relatives.
- recognise that love means long-term commitment, and the responsibility to establish strong and loving families.

TO EDUCATION

- attend school regularly, to learn, and to work hard.
- cooperate respectfully with teachers and fellow learners.
- adhere to the rules and the Code of Conduct of the school.

AND PLACES ON MY TEACHERS THE RESPONSIBILITY TO:

- promote and reflect the culture of learning and teaching in giving effect to this right.
- to eliminate unprofessional behaviour.

TO LIFE

- protect and defend the lives of others.
- not endanger the lives of others by carrying dangerous weapons or by acting recklessly or disobeying our rules and laws.
- live a healthy life, by exercising, eating correctly, by not smoking, taking alcohol, or taking drugs, or indulging in irresponsible behaviour that may result in my being infected or infecting others with diseases such as HIV and AIDS.

AND CONCURRENTLY PLACES ON MY PARENTS AND CAREGIVERS THE RESPONSIBILITY TO:

- ensure that I attend school and receive their support.
- ensure that I participate in school activities.
- create a home environment conducive to studying.

Conclusion: I accept the call of this Bill of Responsibilities, and commit to taking my rightful place as an active, responsible citizen of South Africa. By assuming these responsibilities I will contribute to building the kind of society which will make me proud to be a South African.

This Bill outlines the responsibilities that flow from each of the rights enshrined in the Constitution of the Republic of South Africa.

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

South African Interfaith Council

LEADSA
www.leadsa.co.za

Grade 2

Rainbow WORKBOOKS

Mathematics

IN ENGLISH

This book belongs to:

ENGLISH

Book 1

1

Date: .....

Me and my family

Fill in the answers to these questions about you and your family.

My name is _____ .

I am _____ years old.

Two years ago I was _____ years old.

In one year I will be _____ years old.

I live at _____ .

Who is the oldest in your family? _____

Write how old he or she is. _____

Who is the youngest in your family? _____

Write how old he or she is. _____

Today's date is _____ .

Draw a picture of your family.

1 2 3 4 5 6 7 8 9

Teacher:

Sign:

Date:

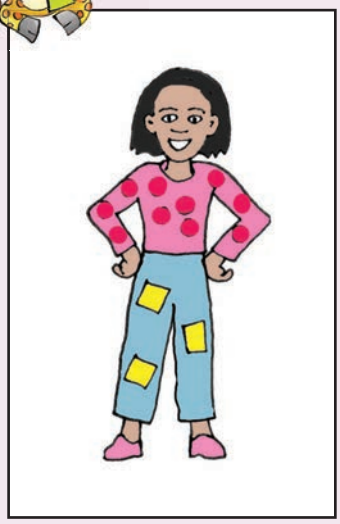
11 12 13 14 15 16 17 18 19 20

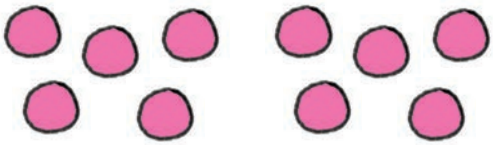
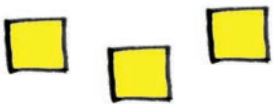
2

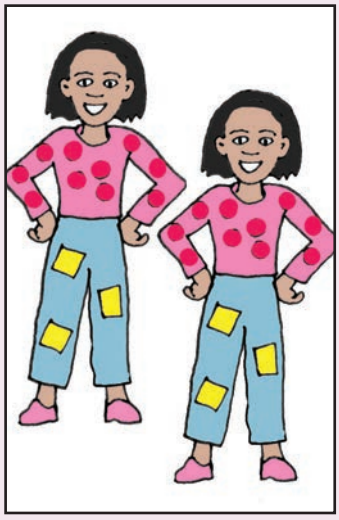
Date:

Counting

Fill in the empty spaces.



eyes		2
dots		
patches		



eyes		
dots		
patches		

eyes

dots

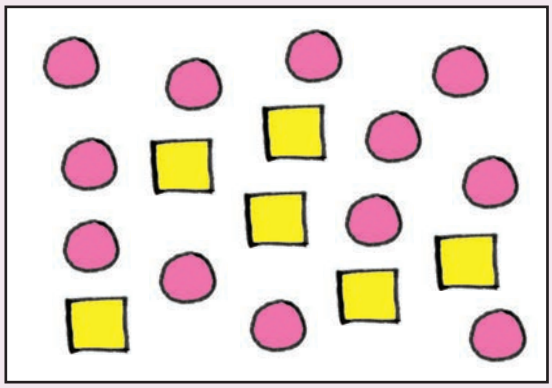
patches

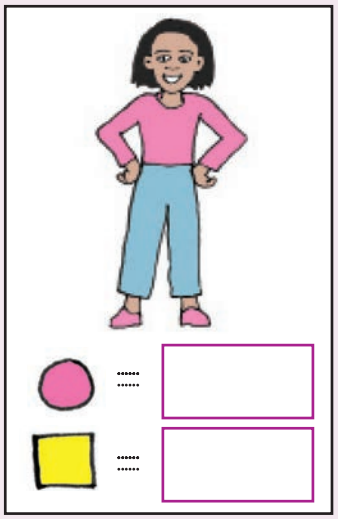
eyes

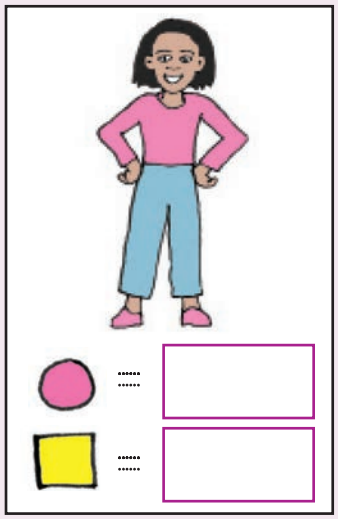
dots

patches

Share the dots and patches equally.







Teacher:

Sign:

Date:

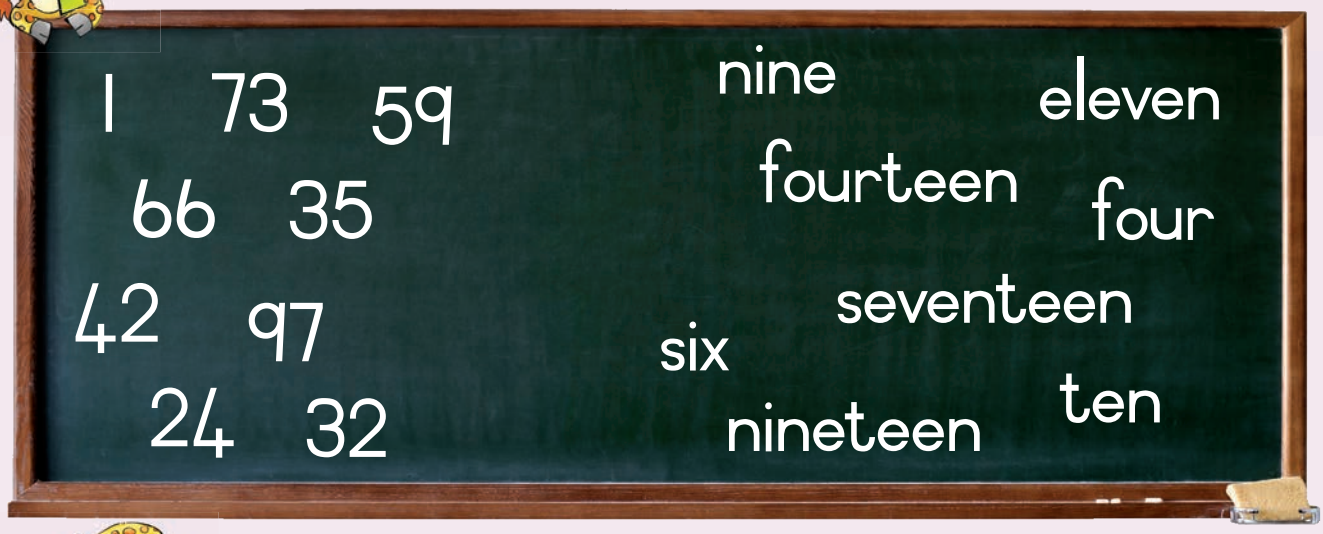
11 12 13 14 15 16 17 18 19 20

3

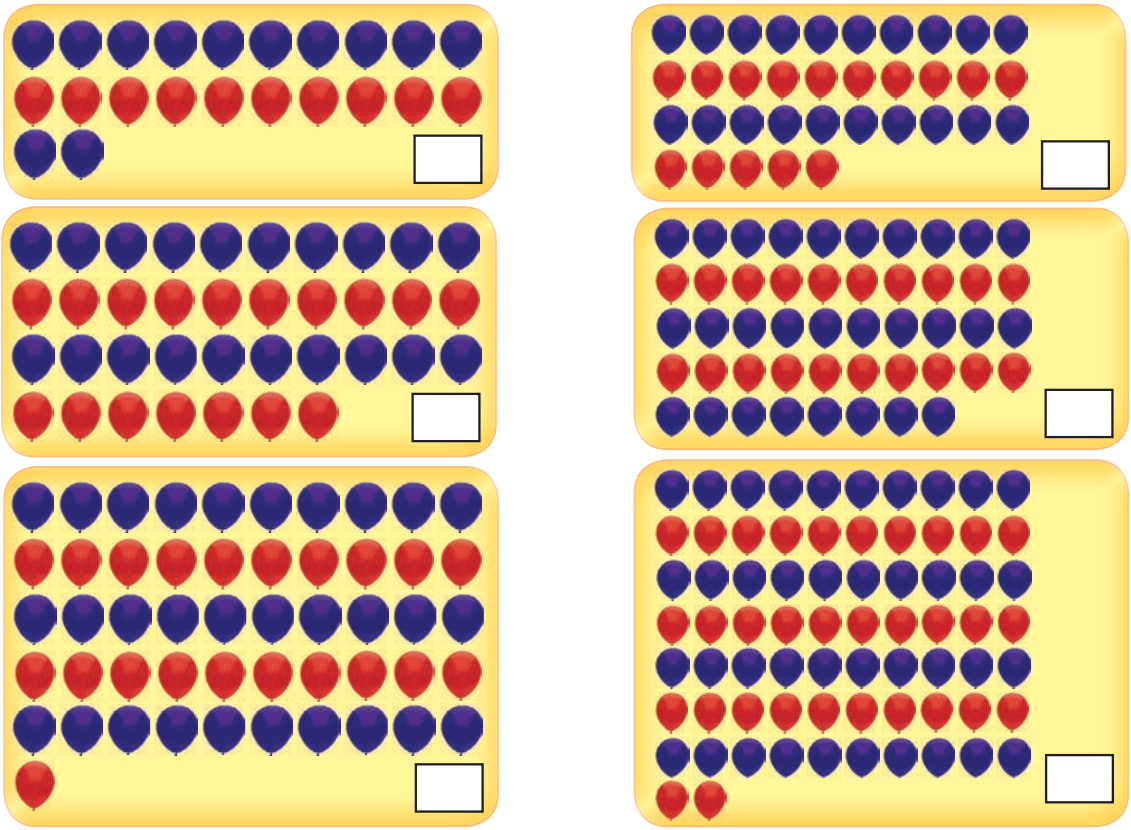
Date:

Numbers

Read the number symbols and words on the board.



Write the number of balloons in the block.



Write the following numbers in words.

6	_____	12	_____
4	_____	17	_____
8	_____	14	_____
1	_____	22	_____
2	_____	18	_____
5	_____	11	_____
0	_____	20	_____
10	_____	15	_____
3	_____	13	_____
9	_____	16	_____

37 38 39 40 41 42 43 44

89 90 91 92 93 94 95 96

Teacher:

Sign:

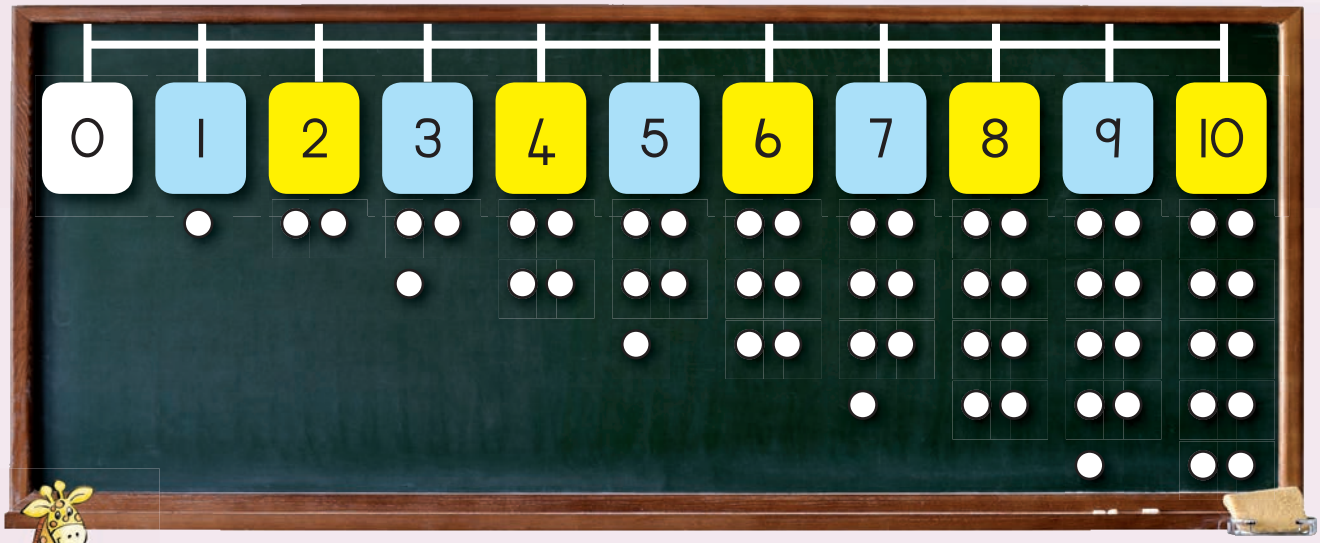
Date:

11 12 13 14 15 16 17 18 19 20

4

Date:

More numbers



Draw a △ around the even numbers and a ◯ around the odd numbers.

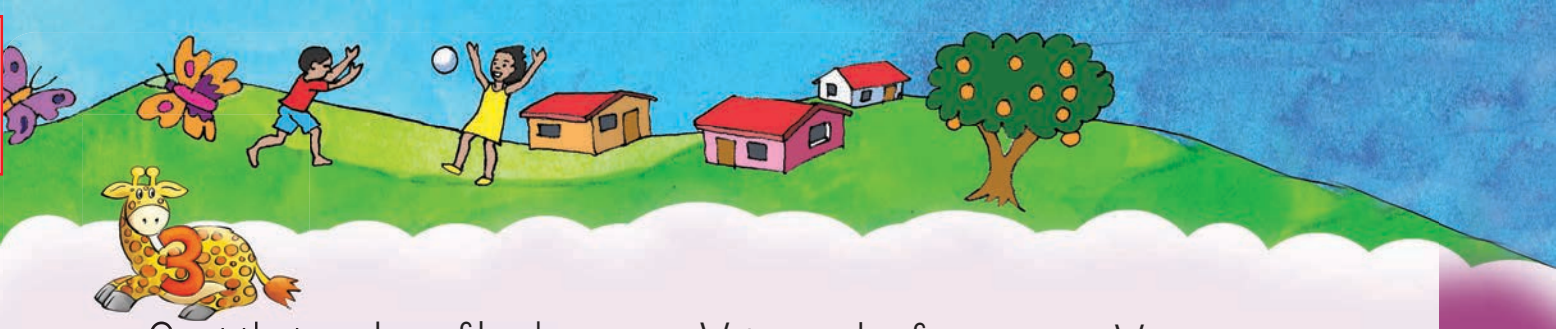
even

odd

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Number the houses.

1 2 3 4 5 6 7 8 9 10



Count the two colours of beads.

Write a number for:

10	2	=	12
10	3	=	
10	5	=	
10	8	=	
10	9	=	

We can write it as:

10 + 2 = 12

__ + __ = __

__ + __ = __

__ + __ = __

__ + __ = __

What is the answer?

10 + 1 =	10 + 9 =	10 + 6 =
10 + 8 =	10 + 2 =	10 + 3 =
10 + 5 =	10 + 4 =	10 + 7 =

1 3 5 7 9 11 13 15 17 19

2 4 6 8 10 12 14 16 18 20

Teacher:

Sign:

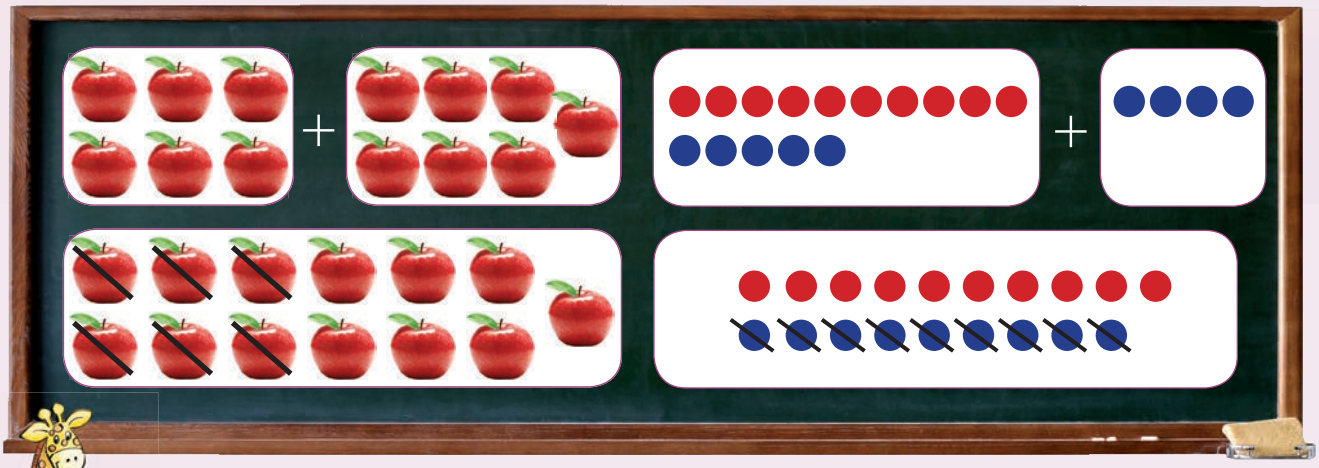
Date:

11 12 13 14 15 16 17 18 19 20

5

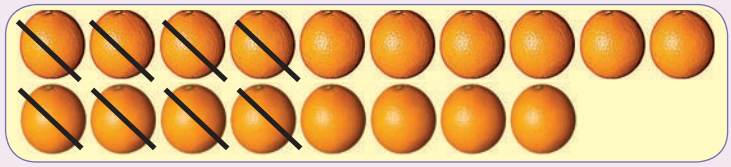
Date:

Addition and subtraction



Add and subtract.

9 + 8 = 17



18 − 8 = ☐

☐ + ☐ = ☐

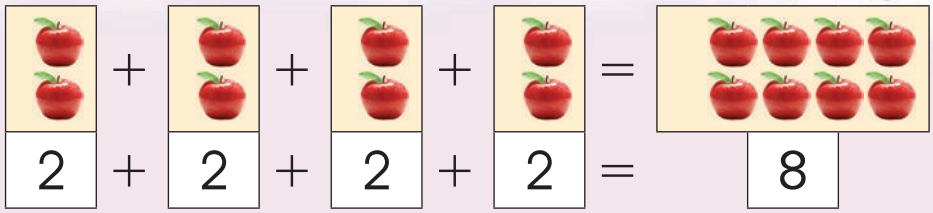
☐ + ☐ = ☐

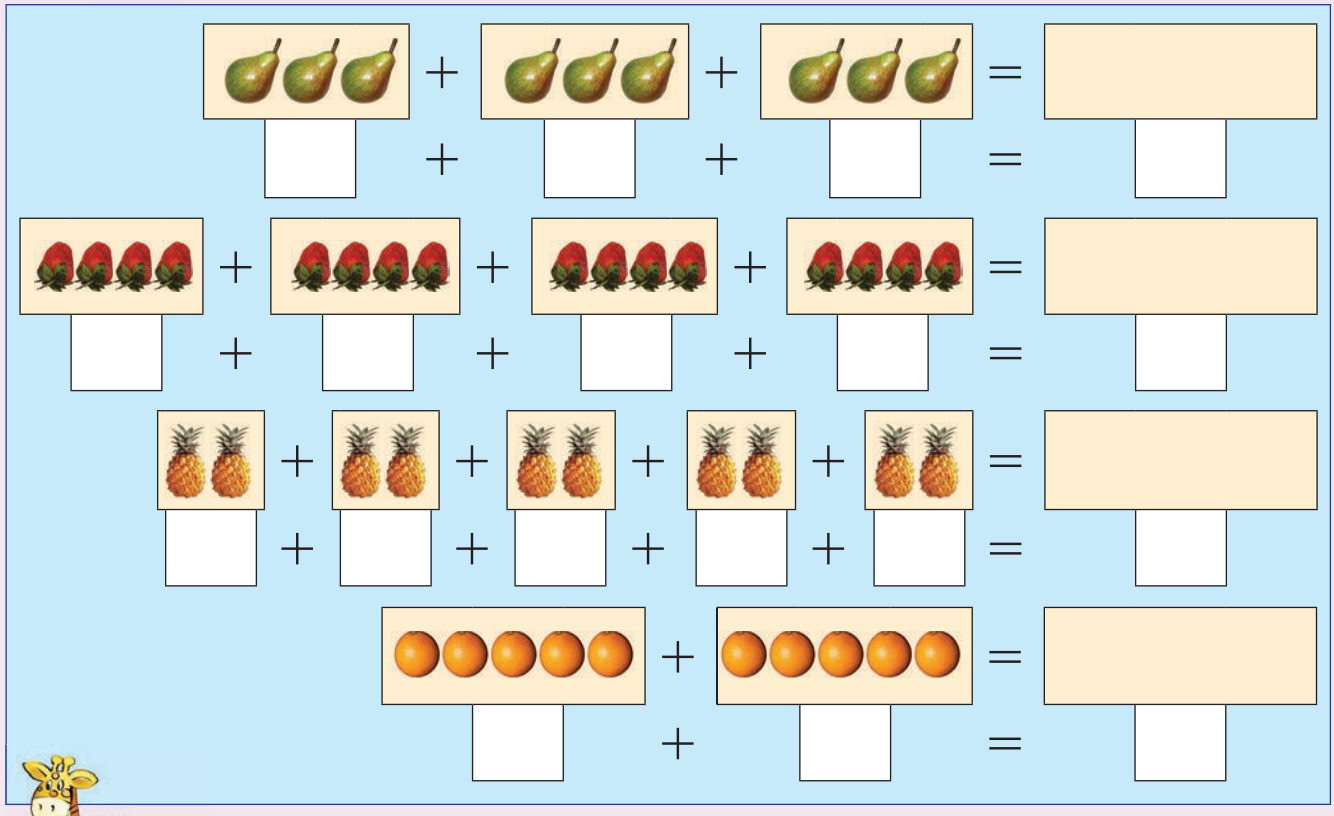
☐ + ☐ = ☐

Calculate.

6 + 5 = ☐	8 + 9 = ☐	11 + 3 = ☐	12 − 5 = ☐
8 + 7 = ☐	3 + 8 = ☐	9 − 5 = ☐	16 − 9 = ☐
6 + 4 = ☐	8 + 4 = ☐	8 − 4 = ☐	6 − 4 = ☐

Add.





Calculate.

2 + 2 + 2 =	1 + 1 + 1 + 1 + 1 + 1 =	2 + 2 + 2 + 2 =
4 + 4 =	3 + 3 + 3 + 3 =	4 + 4 + 4 + 4 =
5 + 5 + 5 =	5 + 5 =	1 + 1 + 1 =

2 + 2 + 2 + 2 + 2 + 2

Teacher:
Sign:
Date:

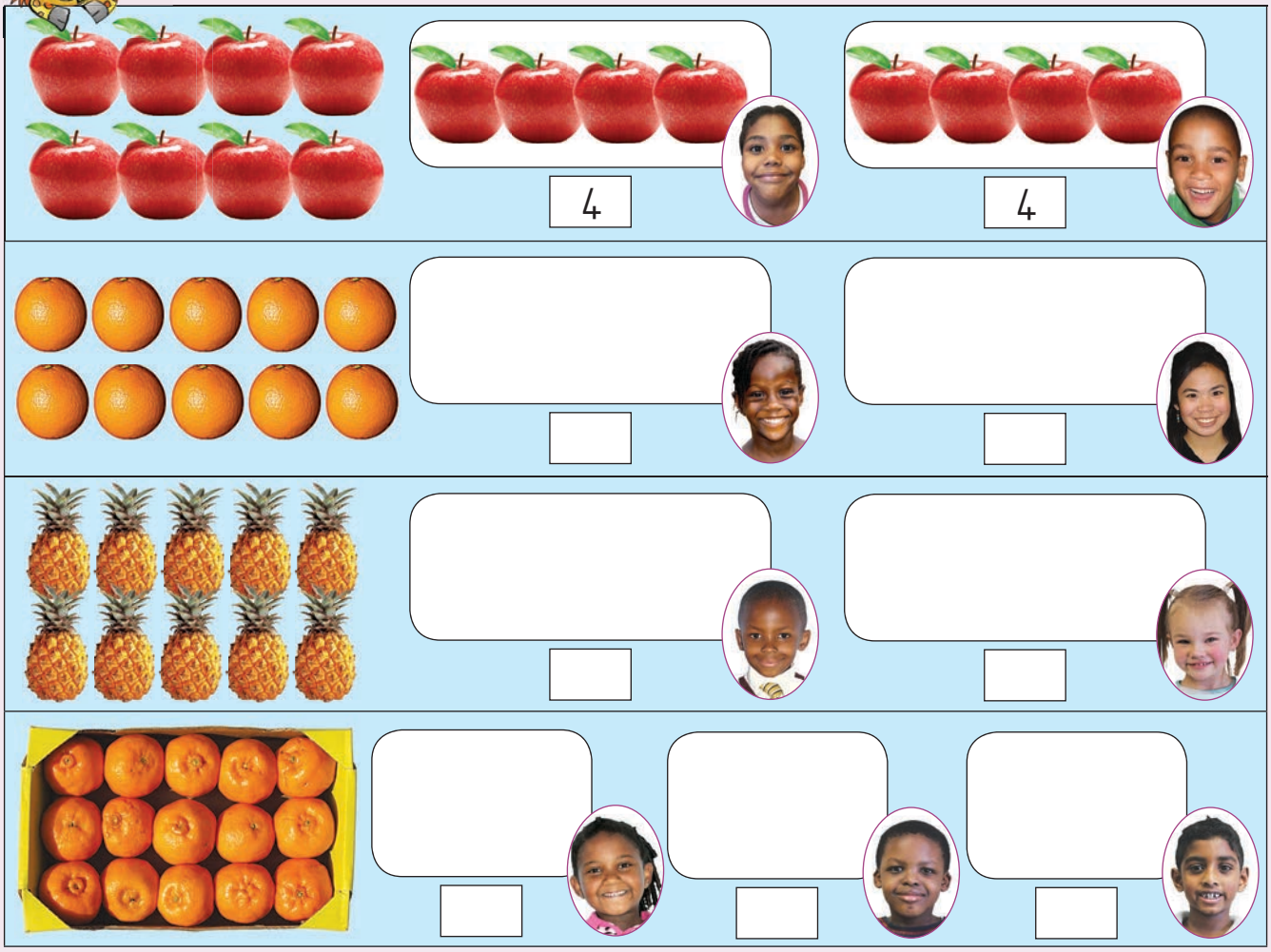
11 12 13 14 15 16 17 18 19 20

6

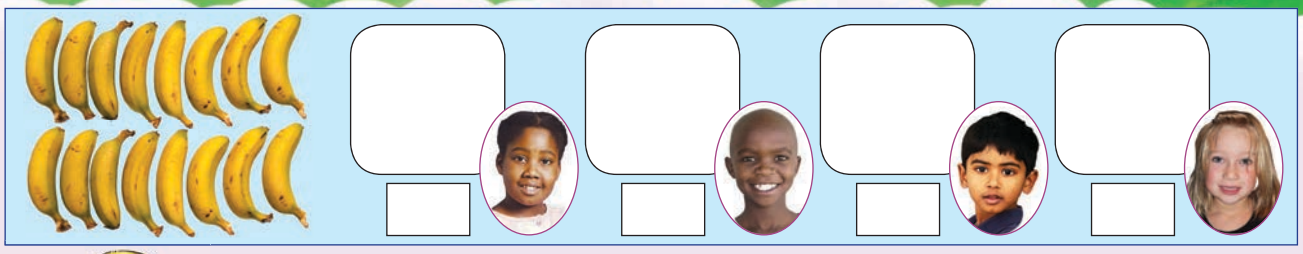
Date:

Sharing and money

Share the fruit equally.



1 2 3 4 5 6 7 8 9 10



Complete.

5 cent

Colour the correct coins or notes so that they add up to the same amount as the first pictured coin or note in each row.

= 10c 10c 5c 2c 1c 2c

= 5c 2c 2c 1c 2c 2c

= R2 R2 R1 R1 R1

= R5 R2 R1 R5 R1 R2

= R2 R2 R5 R5 R2 R1 R5

R1 1c R5 5c R10

Teacher:

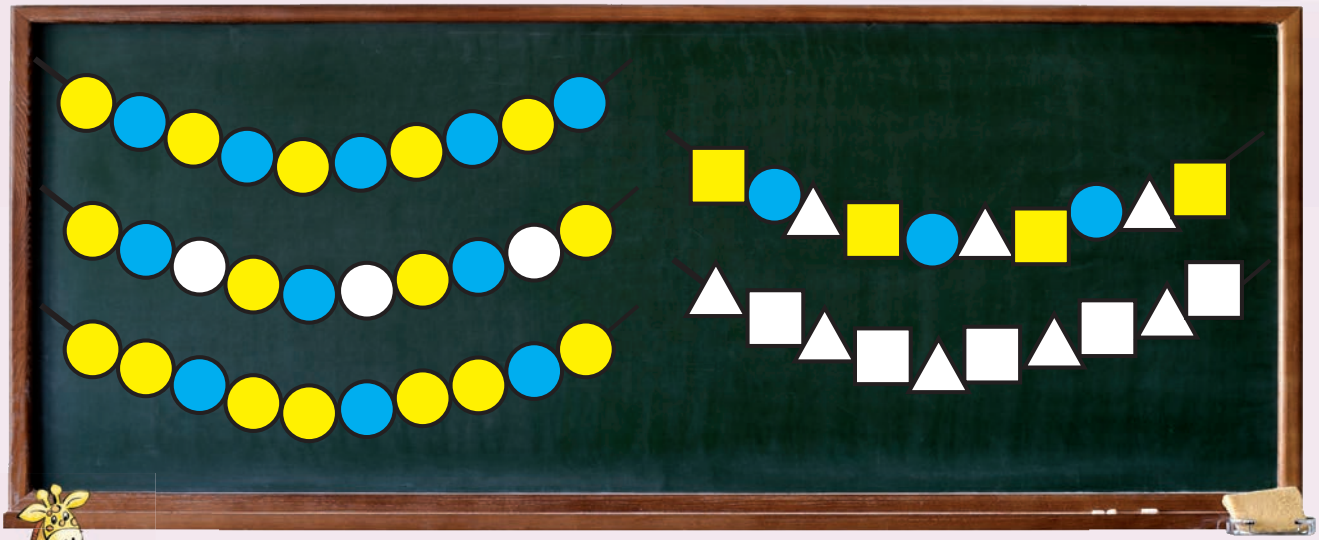
Sign:

Date:

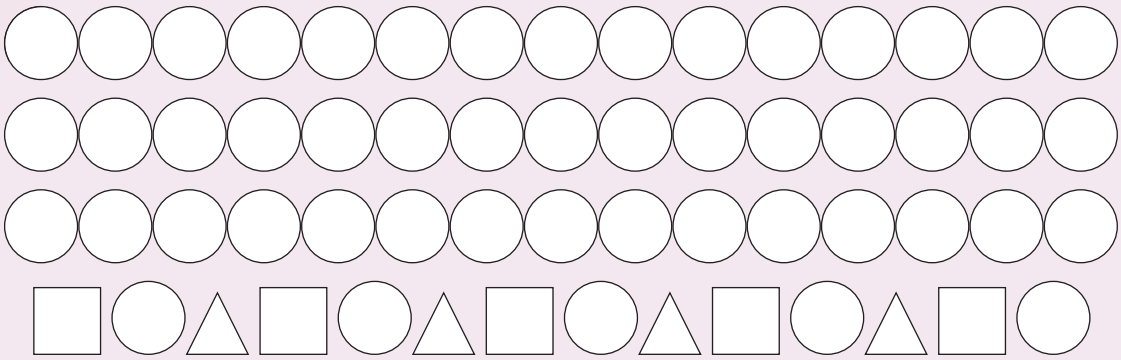
7

Date:

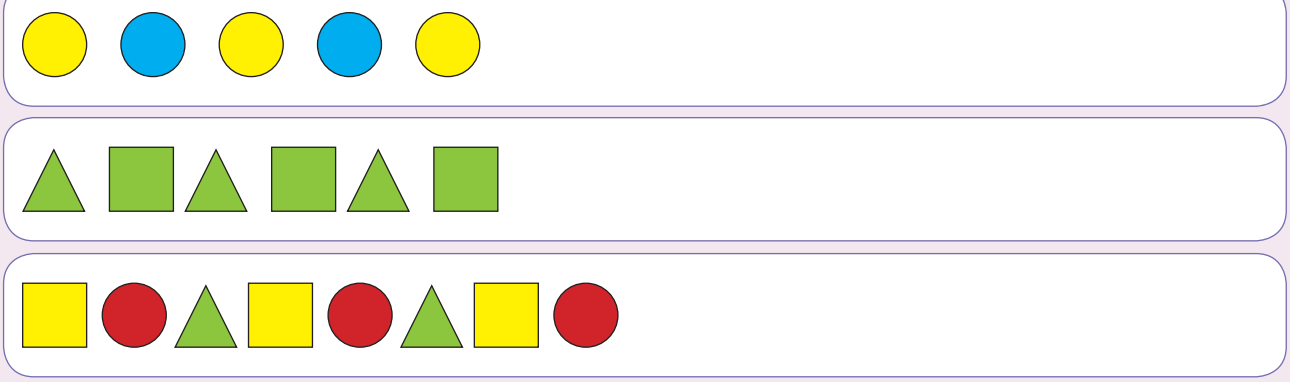
Patterns



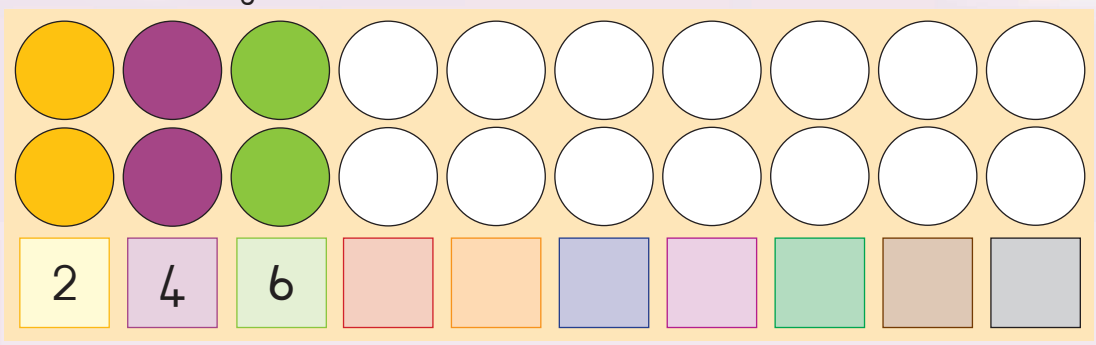
Copy the patterns from the chalkboard into the spaces below.



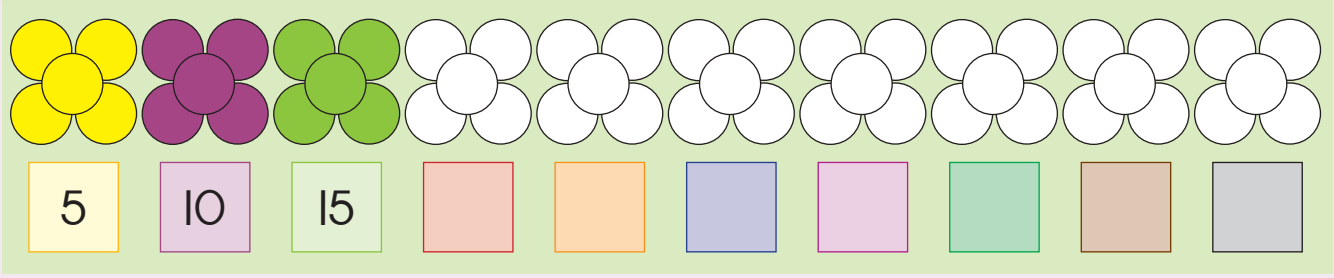
Extend the pattern.



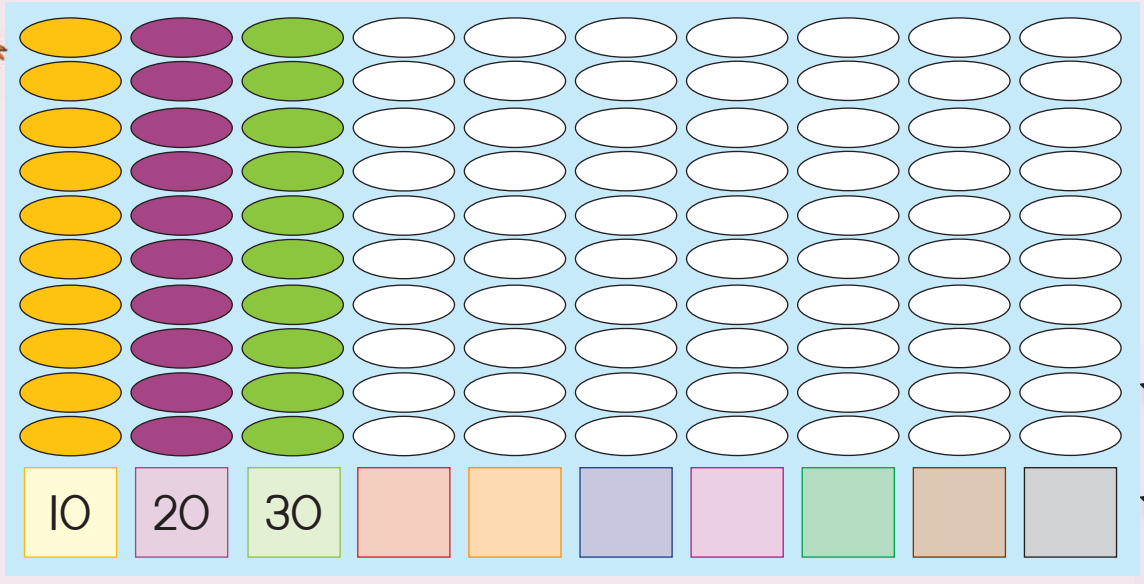
Colour the beads as you count in twos.



Colour the flowers as you count in fives.



Colour the beads as you count in tens.



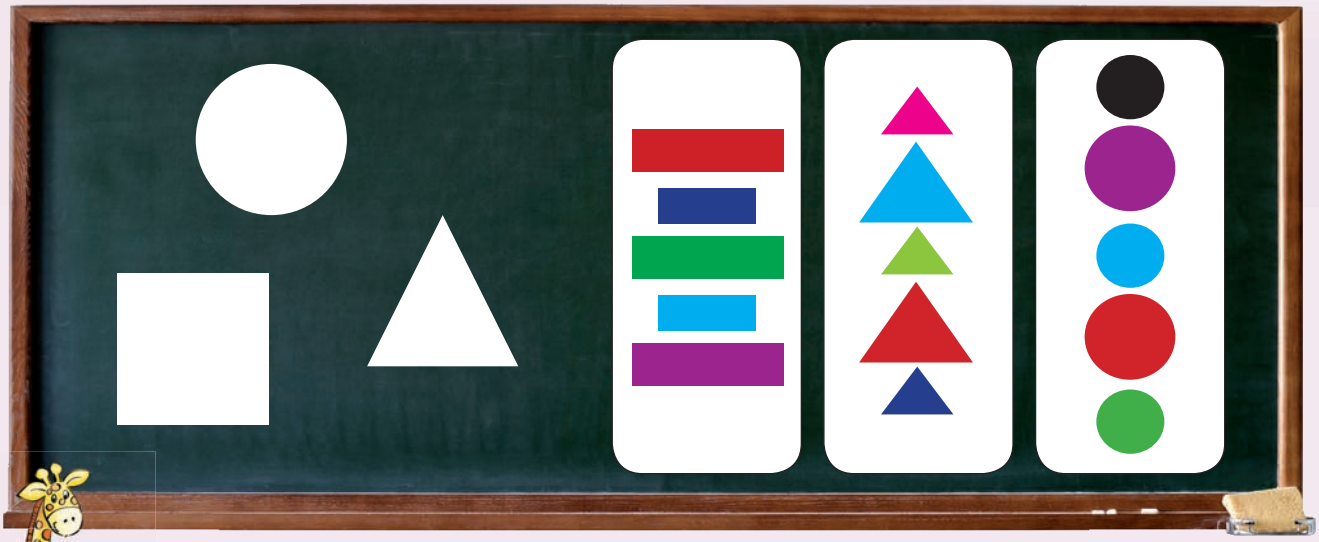
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

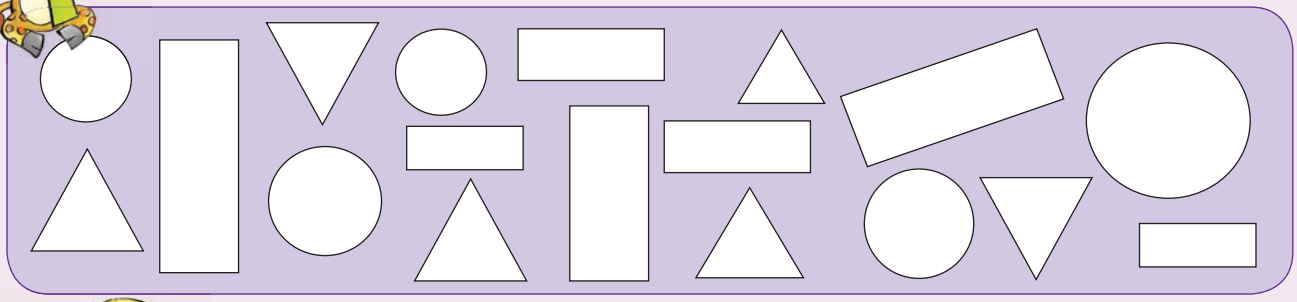
8

Date:

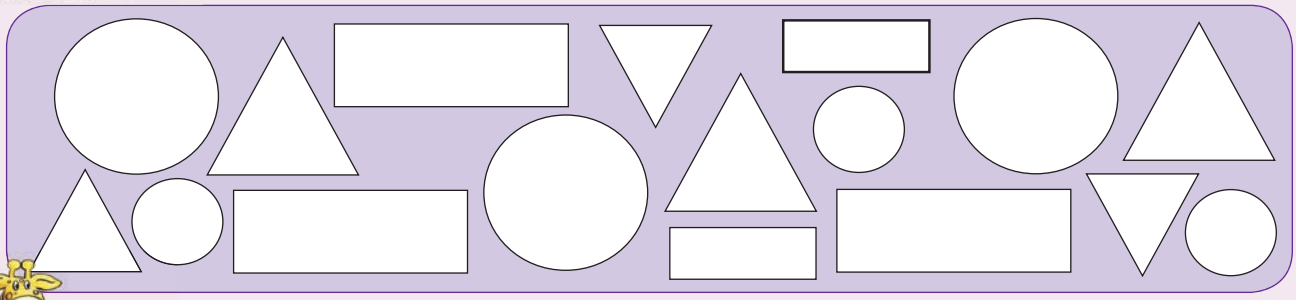
Shapes



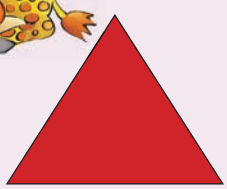
1 Colour the rectangles blue, the circles red and the triangles yellow.



2 Colour all the big circles red, the rectangles blue and the small triangles yellow.

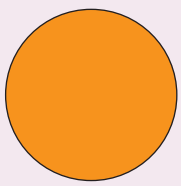


3 Are the sides straight or round? Colour in the correct answer.



straight | curved

straight | curved



straight | curved

1 2 3 4 5 6 7 8 9 10

Draw the other wing of the butterflies.

Teacher:

Sign:

Date:

9

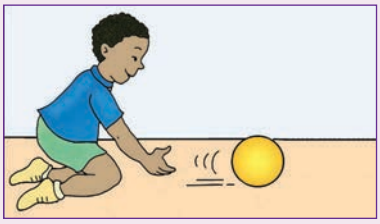
Date:

Balls and boxes

Circle the boxes in blue and the balls in red.

Colour the correct answer.

The box | slides | rolls



The ball | slides | rolls

1 2 3 4 5 6 7 8 9 10

3 Colour in the correct answer.

curved edge

straight edge

curved edge

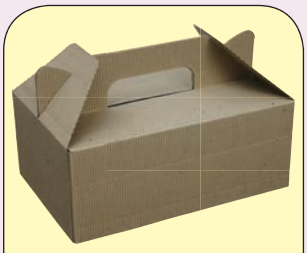
straight edge

curved edge

straight edge

curved edge

straight edge



curved edge

straight edge

curved edge

straight edge

curved edge

straight edge

curved edge

straight edge

4 Say if the ball is behind, in front of, next to or on top of the box.

behind | in front of

next to | on top of

behind | in front of

next to | on top of

behind | in front of

next to | on top of

behind | in front of

next to | on top of

ball box ball box

Teacher:

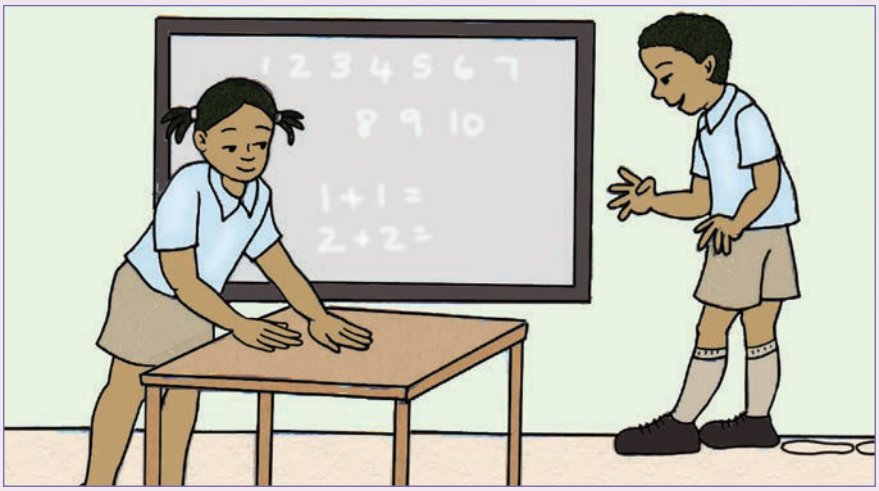
Sign:

Date:

Date:

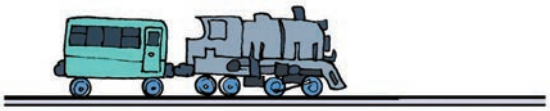
Length

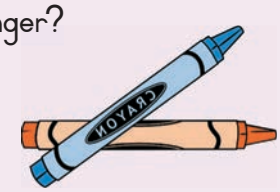
What are they doing?



1

Which train is shorter and which is longer?





shorter longer

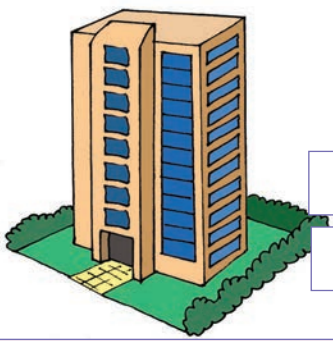
shorter longer

2

Which building is higher or lower?

higher

lower



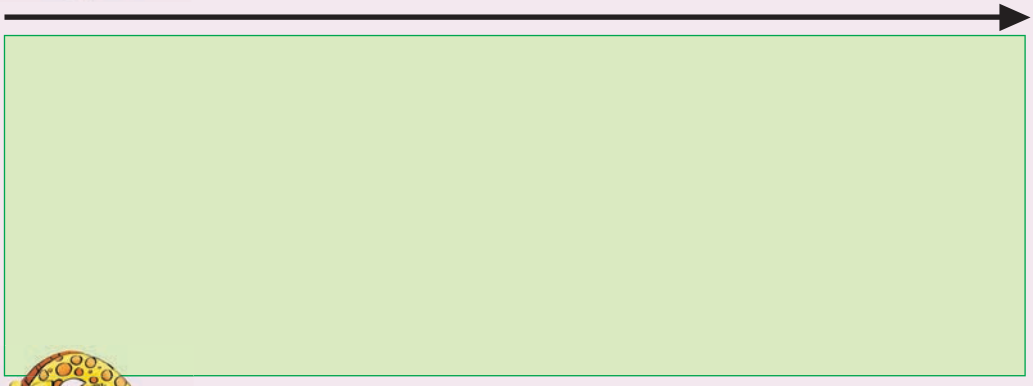
higher

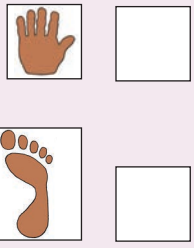
lower

3 Which person is shorter or taller?

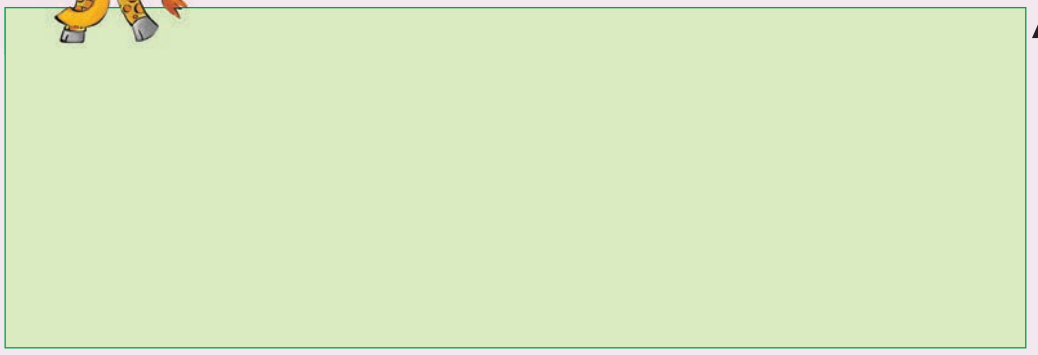
shorter	shorter
taller	taller

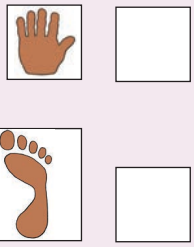
4 Use Cut-out I of the hand. How many hands long is this rectangle?
Use Cut-out I of the foot. How many feet long is the rectangle?





5 Now measure the height of the rectangle in hands and feet.





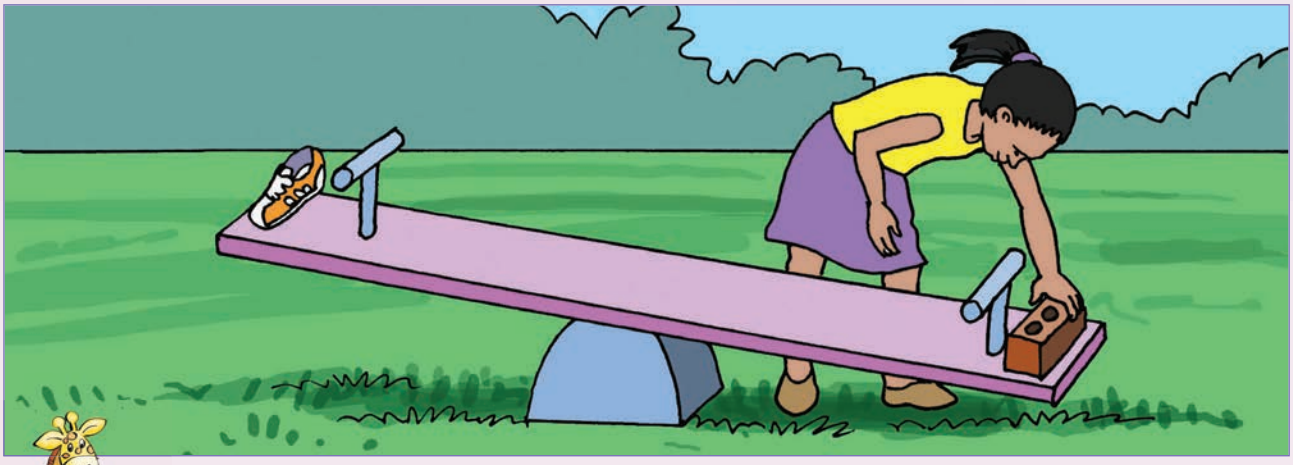
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

11

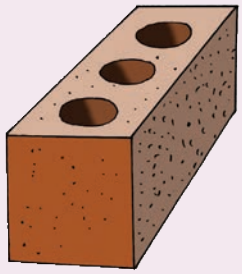
Date:

Mass



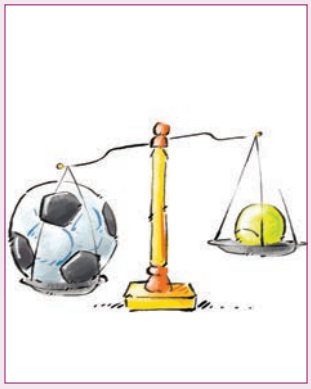
Say if the object is heavier or lighter than the other.

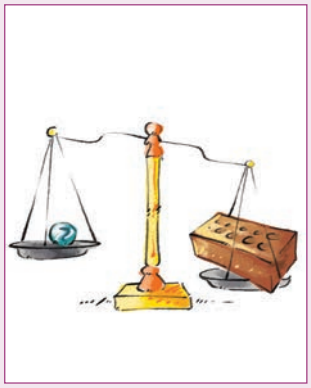
heavier | lighter



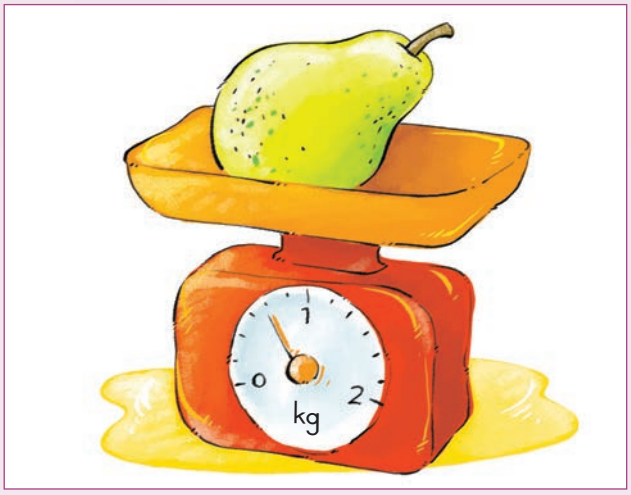
heavier | lighter

Circle the heavier object.





Is the object heavier or lighter than one kilogram?



heavier | lighter

heavier | lighter

heavier | lighter

heavier | lighter

heavy and light

Teacher:
Sign:
Date:

12

Date: .....

Capacity

Discuss the picture.

Colour the correct answer.

full	empty	half

full	empty	half

full	empty	half

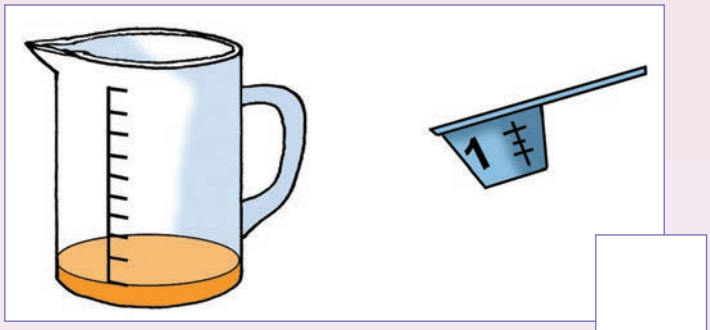
full	empty	half

full	empty	half

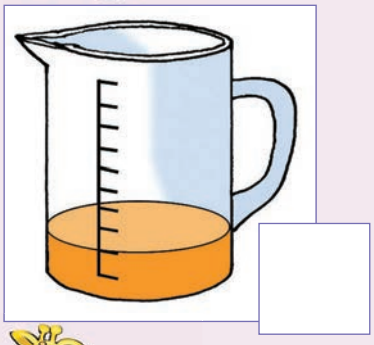
full	empty	half

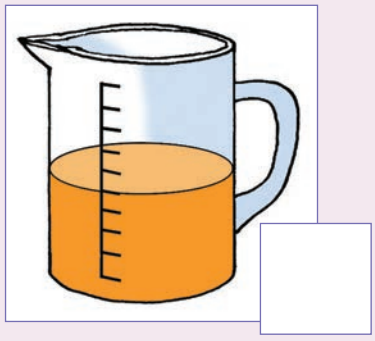
1 2 3 4 5 6 7 8 9 10

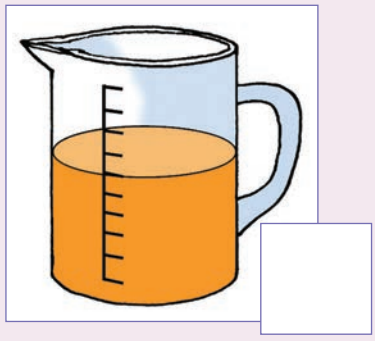
One measure fills up to the first marker on this jug.
How many measures will fill this jug?



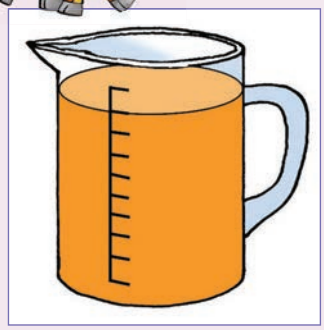
How many measures are poured into these jugs?

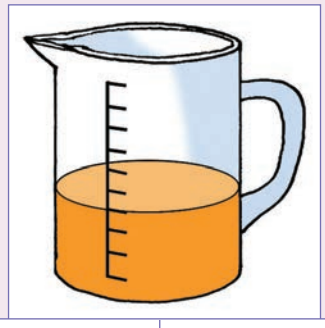




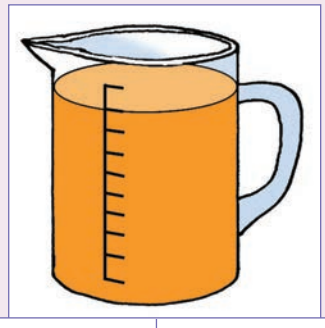


The jug on the left holds 1 litre of juice.
Which jug has the same amount of juice, and which has less juice than the jug on the left?





same | less



same | less

full and empty

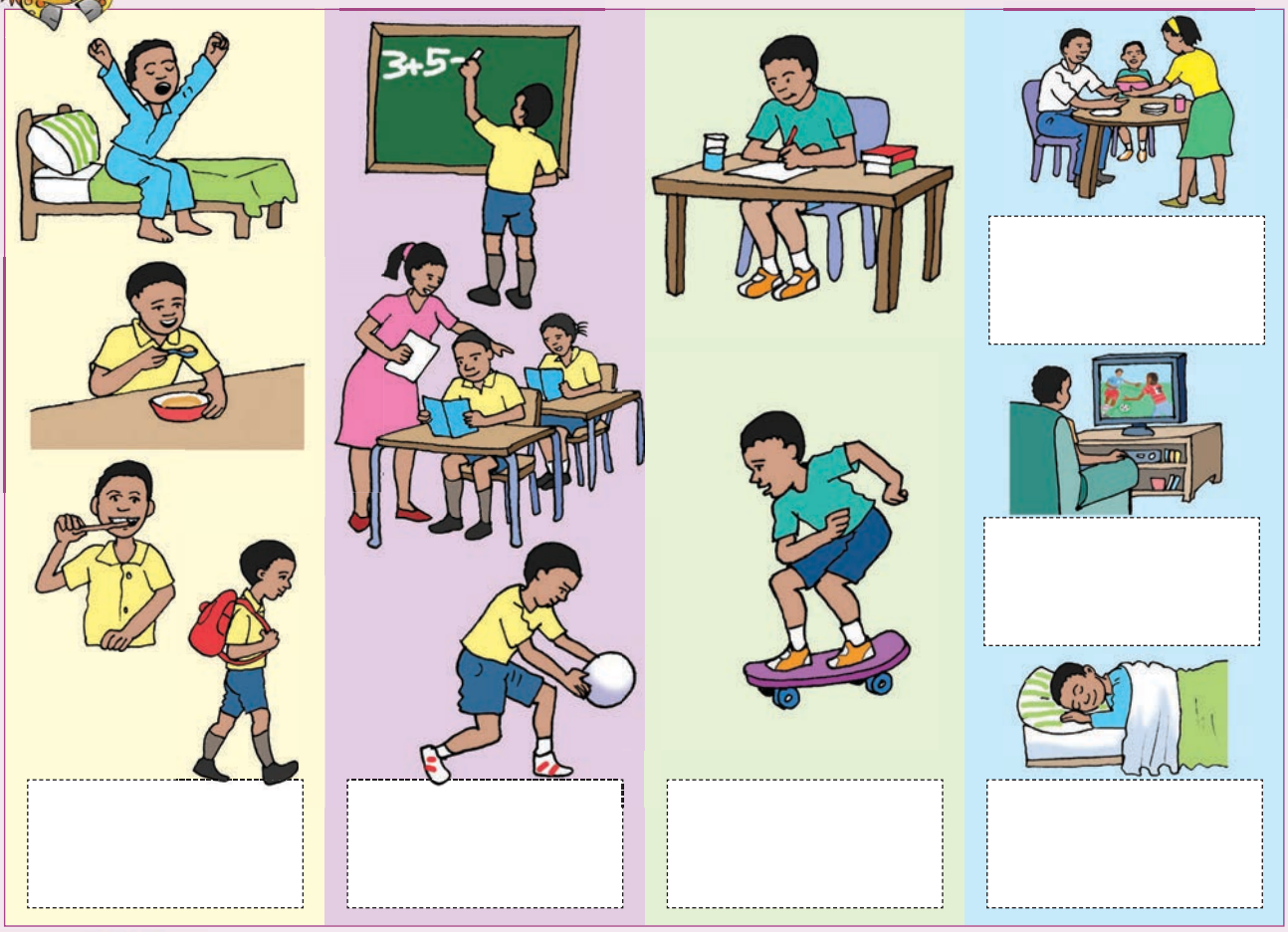
Teacher:
Sign:
Date:

13

Date:

Time

Go to Cut-out 1. Cut out the words and paste them under the pictures to show the time of day.



Complete the sentences.

I _____ early in the morning.

I _____ in the morning.

I _____ in the afternoon.

I _____ every day.

I _____ late every day.

1 2 3 4 5 6 7 8 9 10

Yesterday	Today	Tomorrow

Answer the questions.

What is the child doing today? _____

What did the child do yesterday? _____

What will the child do tomorrow? _____

Draw your own picture.

Yesterday	Today	Tomorrow

Yesterday

Yesterday

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

Date:

Birthday Calendar

Trace the months.

January
Sipho
Maryke
Annie

February
Jeffrey
Simon

March
Sam
Juan

April
Betty
Liezel

May
Lettie
Ricco
George

June
Mpho

July
Busi
Lisa
Kayla

August
Mbali
Brenda
Mary

September
John

October
Karin
Jaco

November
Gugu
Dian

December
Kara
Richard
Denise

Write the name of each child in the class on this birthday calendar.

January	February	March
April	May	June
July	August	September
October	November	December

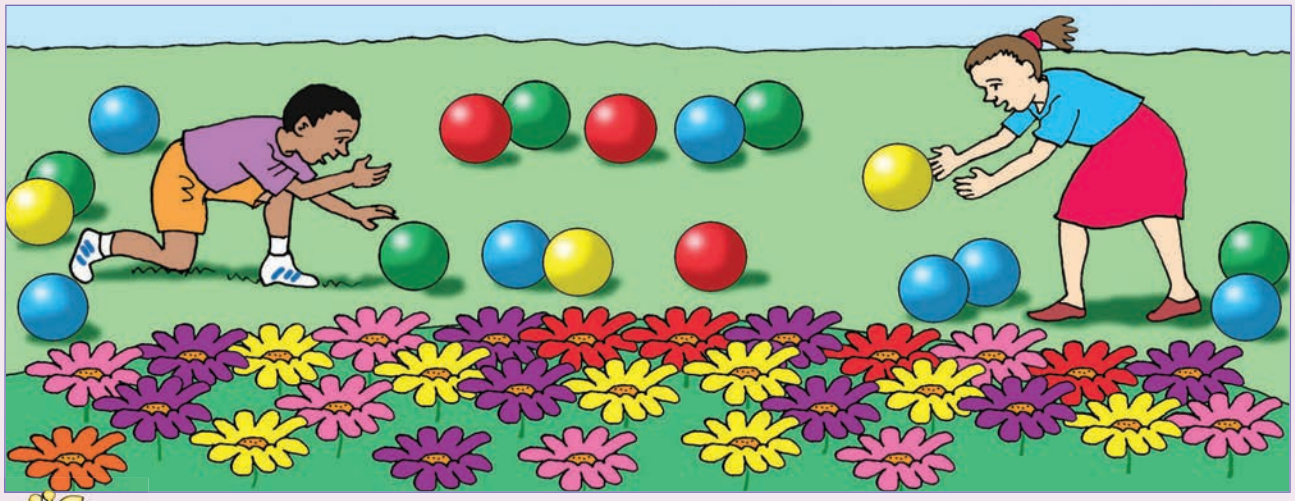
My birthday is in

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Date:

Collect and sort

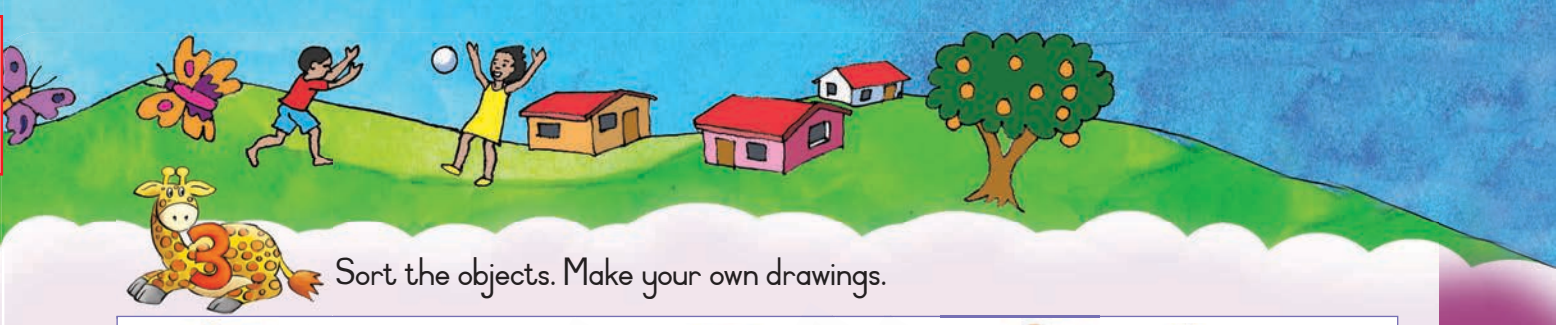


Collect and sort the balls then draw them in the correct box.

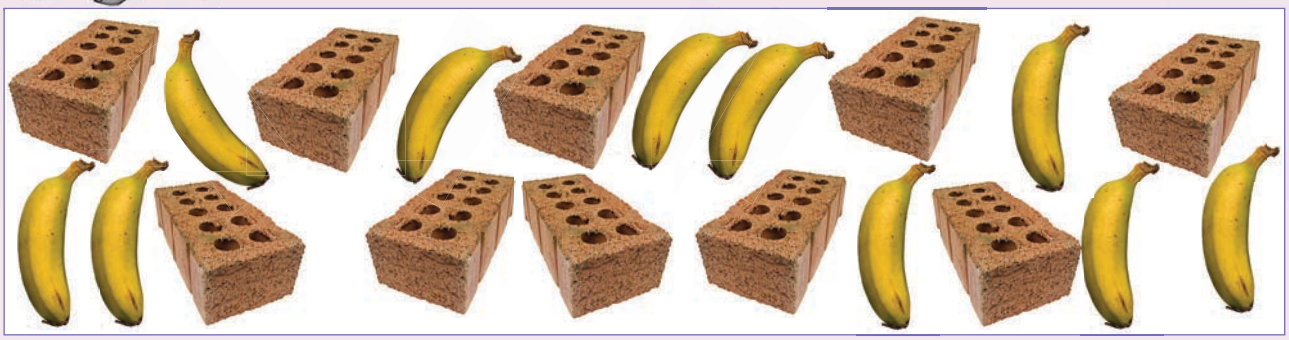
green balls | red balls | blue balls | yellow balls

Collect the flowers and sort them.

yellow flowers | red flowers | purple flowers | pink flowers | orange flowers

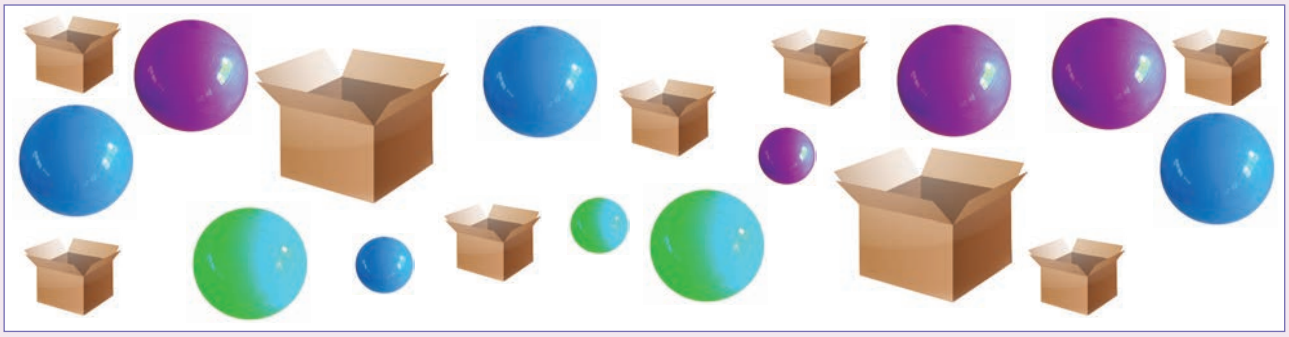


Sort the objects. Make your own drawings.



light objects

heavy objects



small balls

big balls

small boxes

big boxes

Teacher:

Sign:

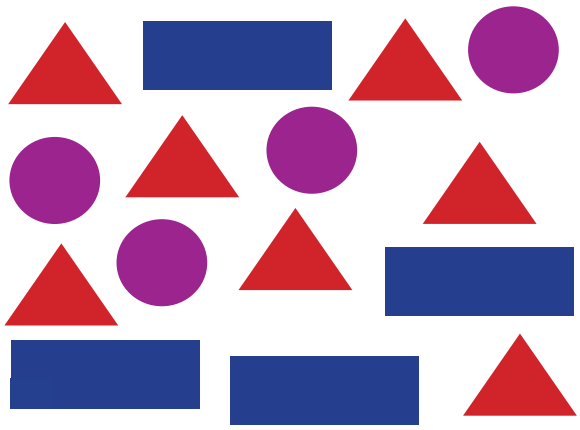
Date:

11 12 13 14 15 16 17 18 19 20

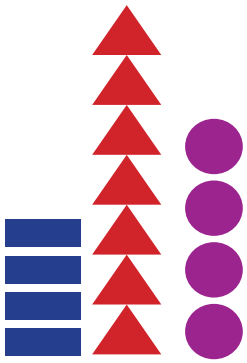
16

Date:

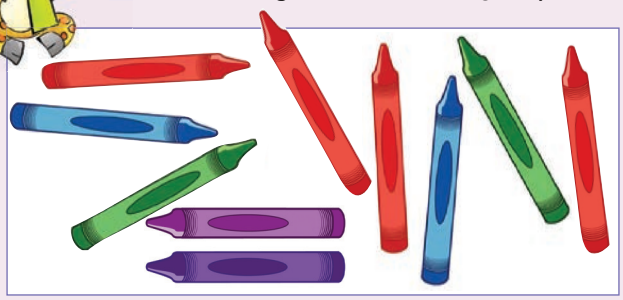
Read and interpret



My own drawing



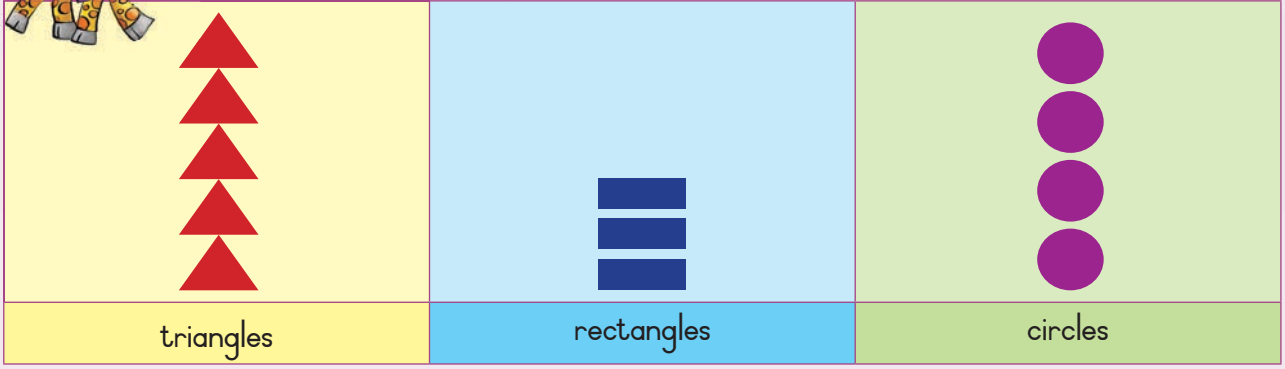
Sort the crayons. Draw the groups.



Sort the flowers. Draw the groups.

Sort the clouds and rainbows. Draw the groups.

Answer the questions.



triangles	rectangles	circles

How many triangles are there? ____

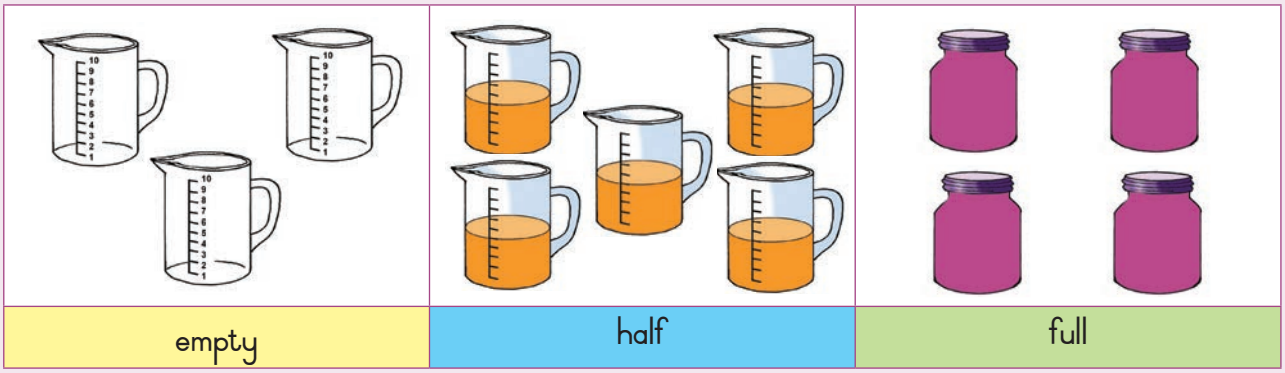
How many rectangles are there? ____

How many circles are there? ____

Are there more triangles or rectangles? ____

Are there more circles or triangles? ____

Are there more circles or rectangles? ____



empty	half	full

How many empty jugs are there? ____

How many half full jugs are there? ____

How many full jars are there? ____

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

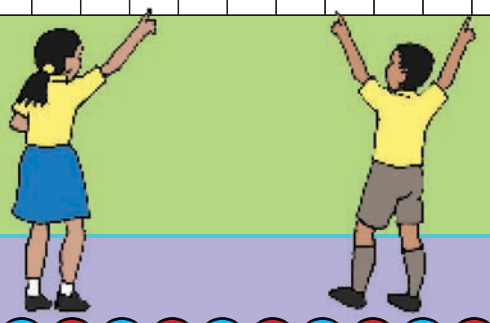
Date: .....

Before, after and between

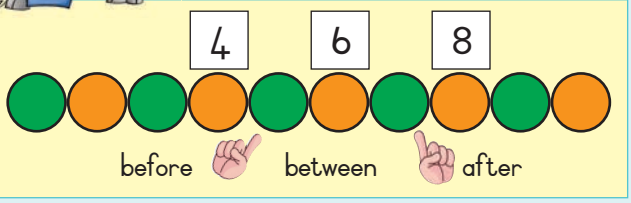
Discuss the numbers in the blocks using the words before, between and after.

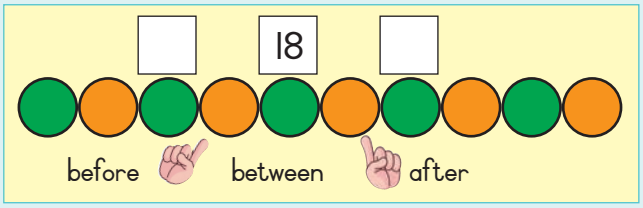
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

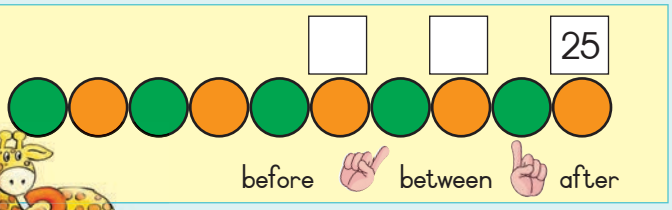
Example: Each red ball is between two blue balls.

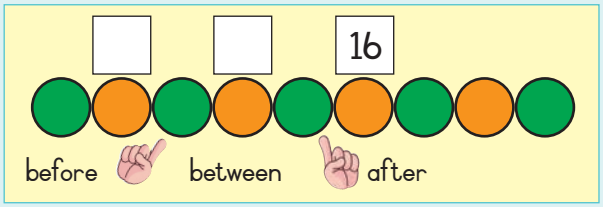


2 Write the correct numbers in the squares.









3 Fill in the missing numbers.

	2			5	
	12			15	
13			16		

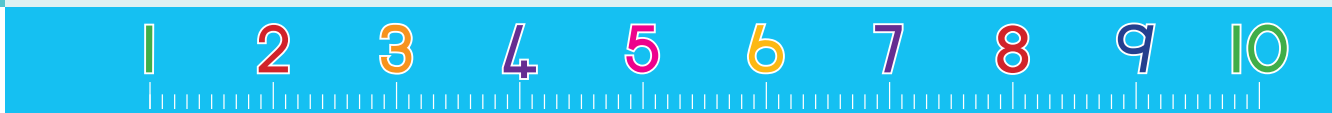
10			13		
	17			20	
20					25

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Which number is before 8? _____.

Which number is after 16? _____.

Which numbers are between 8 and 12? _____.



Colour the numbers between 14 and 17 blue. Colour the number before 14 red.
Colour the number after 17 yellow.

11	12	13	14	15	16	17	18	19	20

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Write all the numbers that are on the yellow beads.
What do we call the numbers on the yellow beads?

_____

Write all the numbers that are on the pink beads.
What do we call the numbers on the pink beads?

_____

Divide the yellow beads equally between the children wearing yellow.
How many beads does each get? _____ . Are there any beads left? _____ .
Divide the pink beads equally between the children wearing pink.
How many beads does each get? _____ . Are there any beads left? _____ .

Answer the following questions.

Write three even numbers that come just after 12? _____
Write three odd numbers that come just after 14? _____
Which odd numbers come between 18 and 24? _____
Write down the even numbers between 8 and 18. _____

Teacher:
Sign:
Date:

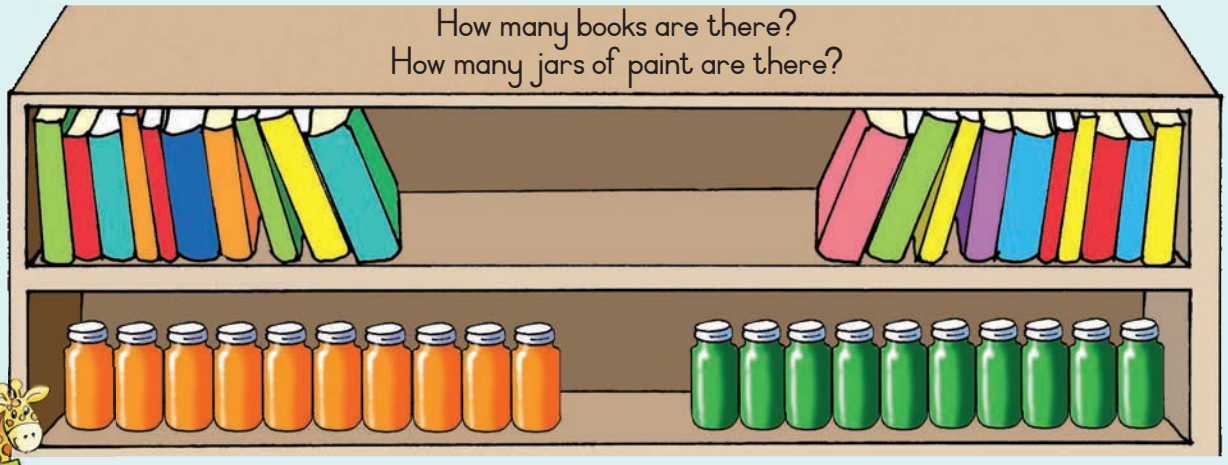
11 12 13 14 15 16 17 18 19 20

18

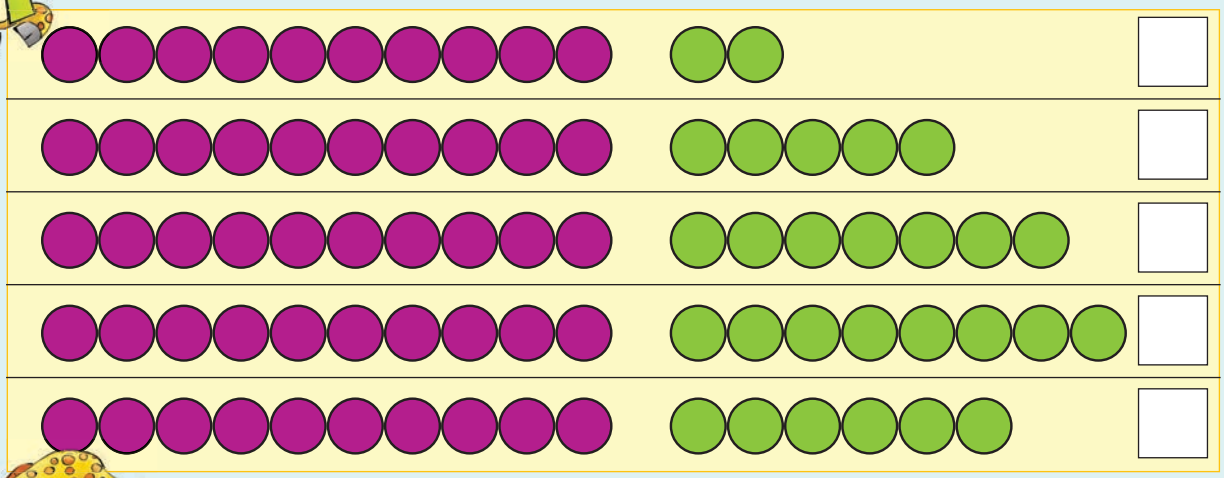
Date:

Numbers 1 – 30

How many books are there?
How many jars of paint are there?



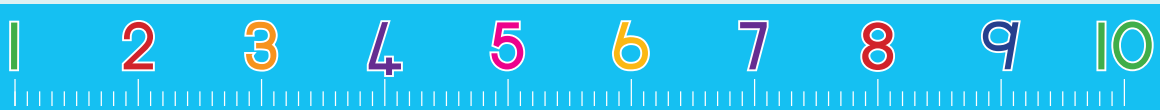
How many beads are there?

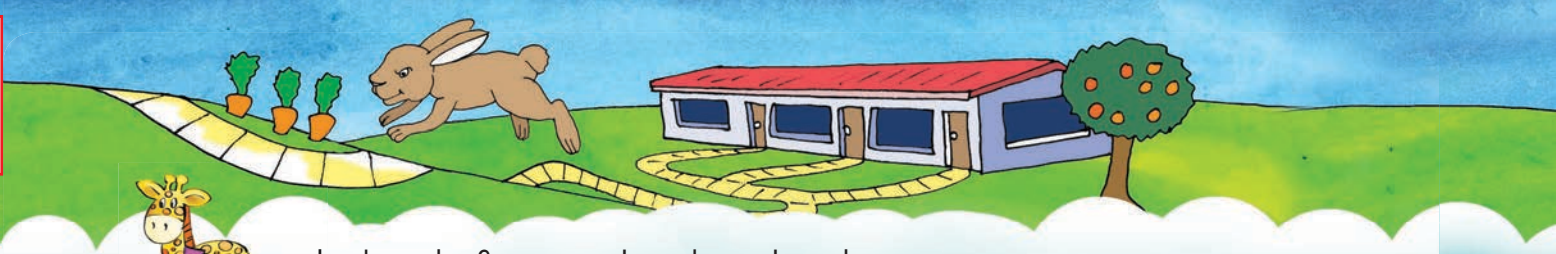


How many books are there?

Fill in the missing numbers.

14	12	15	17	19	13	26	28	21	30
10 4	2	10	7	10					

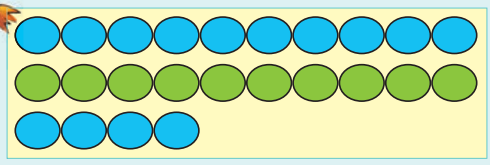




Look at the first example and complete the rest.

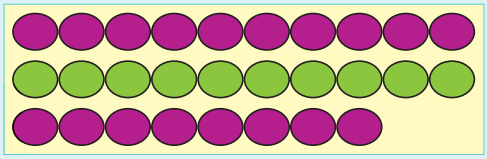
18	=	1	ten	+	8	units	or	18	=	10	+	8				
15	=		ten	+		units	or		=		+					
19	=		ten	+		units	or		=		+					
22	=		tens	+		units	or		=		+					
24	=		tens	+		units	or		=		+					

How many beads are there?



Number

We can write it as: 20 + ☐ = 24



Number

We can write it as: 20 + ☐ = 28

Write in words:

10	_____	11	_____
12	_____	13	_____
14	_____	15	_____
16	_____	17	_____
18	_____	19	_____
20	_____	21	_____
22	_____	23	_____
24	_____	25	_____

Look at the first example and complete the rest.

25	=	2	tens	+	5	units		22	=	2	tens	+	2	units		
13	=		ten	+		units		21	=		tens	+		unit		
26	=		tens	+		units		19	=		ten	+		units		

Teacher:
Sign:
Date:

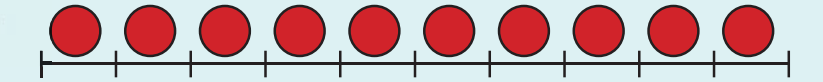
11 12 13 14 15 16 17 18 19 20

19

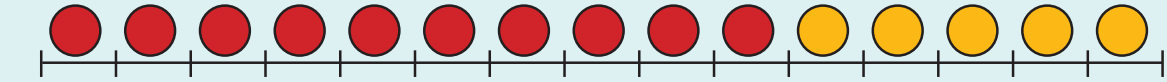
Date:

Number lines

Fill in the missing numbers.

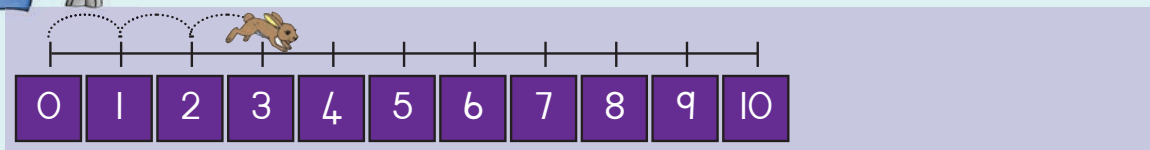


0	1			4						10

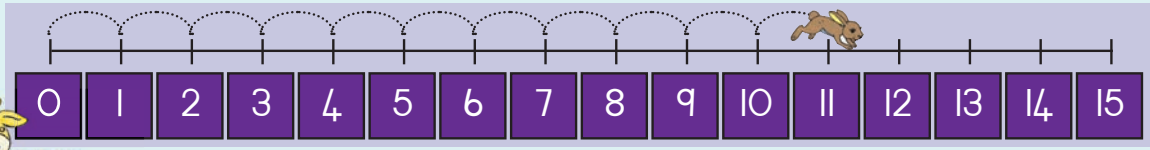


0					5	6									15

How far did the hare jump? Use the number line to help you work out the answers.

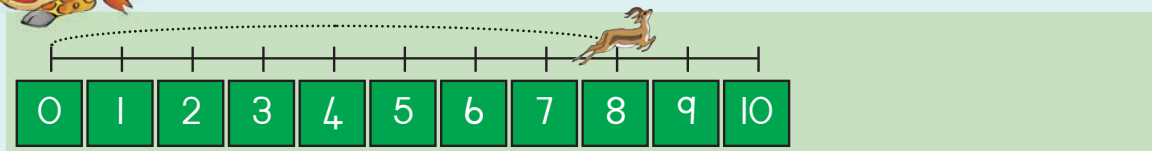


0	1	2	3	4	5	6	7	8	9	10

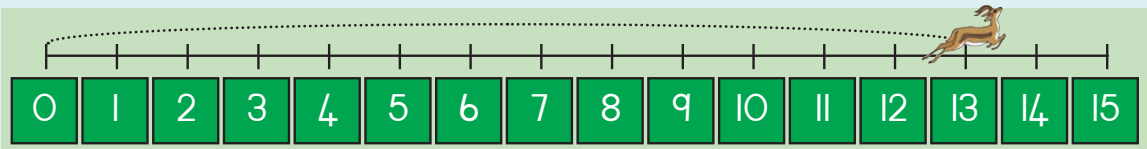


0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

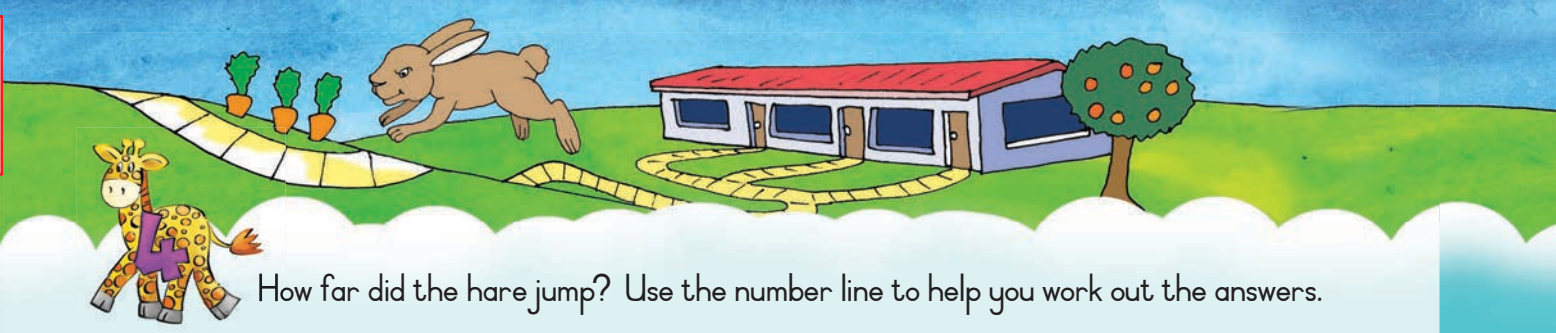
How far did the springbok jump? Use the number line to help you work out the answers.



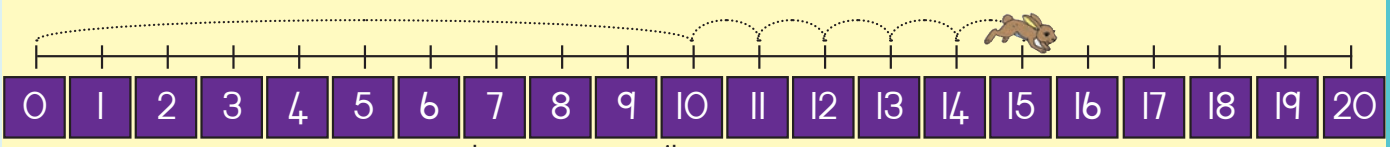
0	1	2	3	4	5	6	7	8	9	10



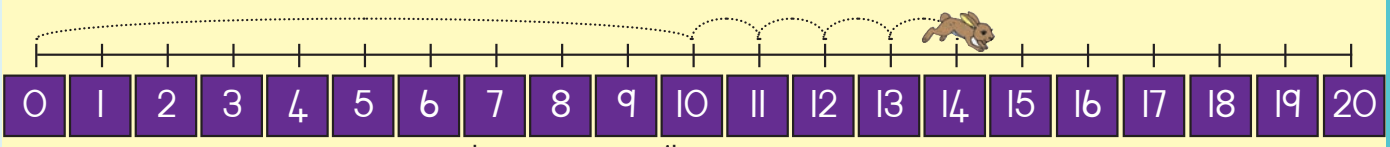
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



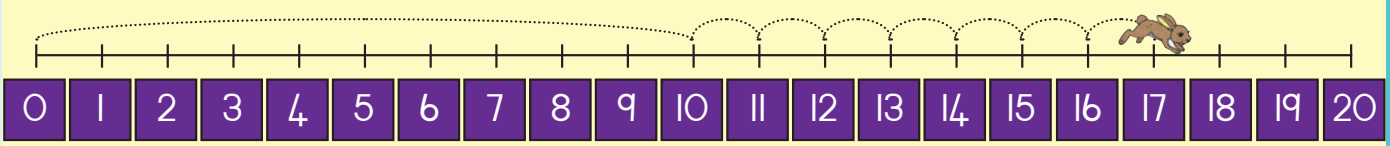
How far did the hare jump? Use the number line to help you work out the answers.



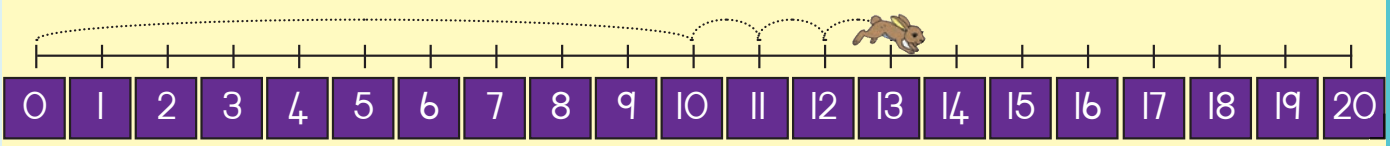
tens		units		
10	+	5	=	



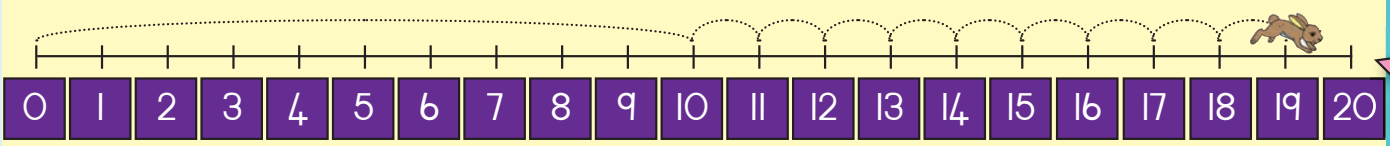
tens		units		
	+		=	



tens		units		
	+		=	



tens		units		
	+		=	



tens		units		
	+		=	

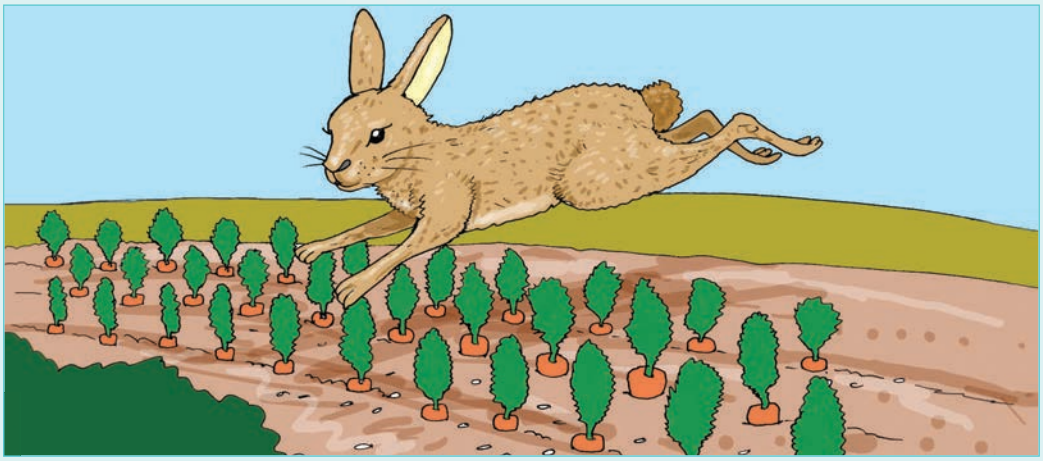
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

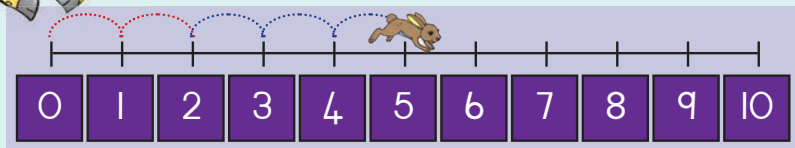
20

Date:

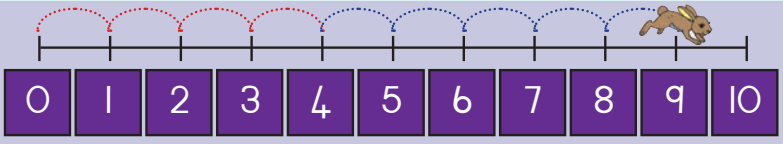
More number lines



Help the hare to write a sum. Use the number line to help you work out the answers.

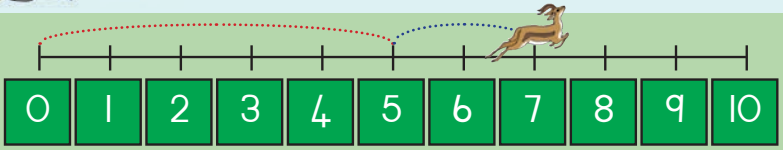


2 + 3 = 5

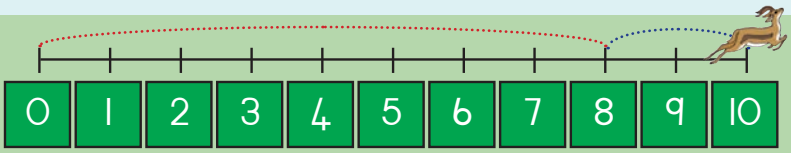


__ + __ = __

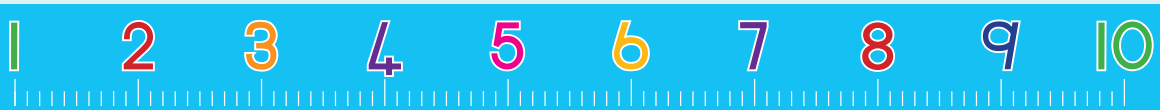
Help the springbok to write a sum.
Use the number line to help you work out the answers.

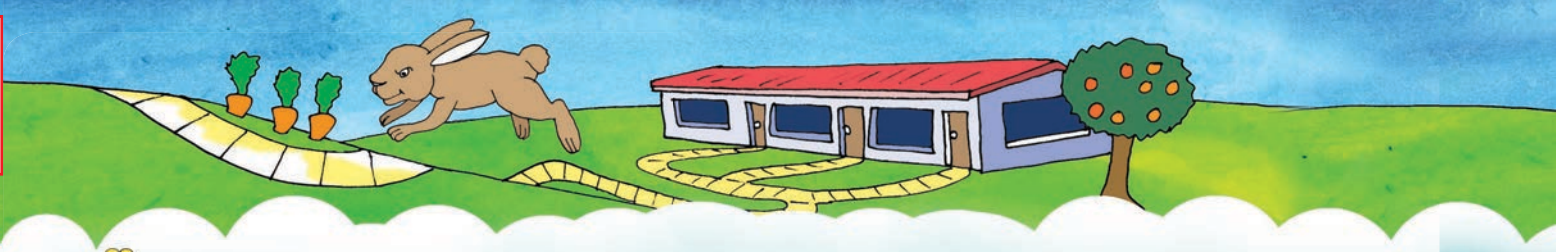


__ + __ = __

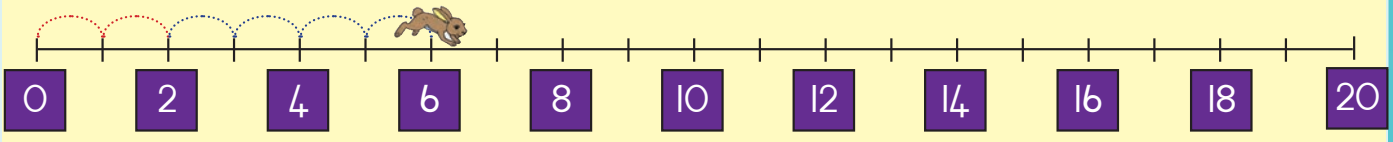


__ + __ = __

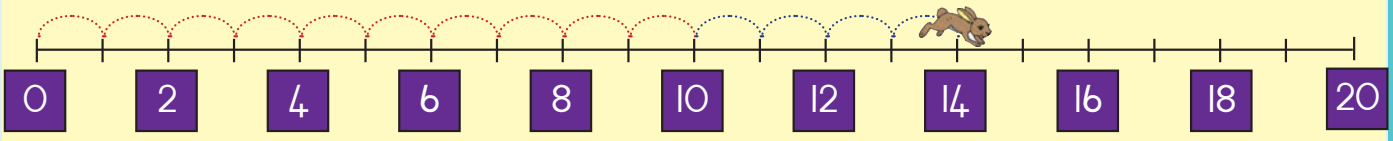




Help the hare to write a sum.

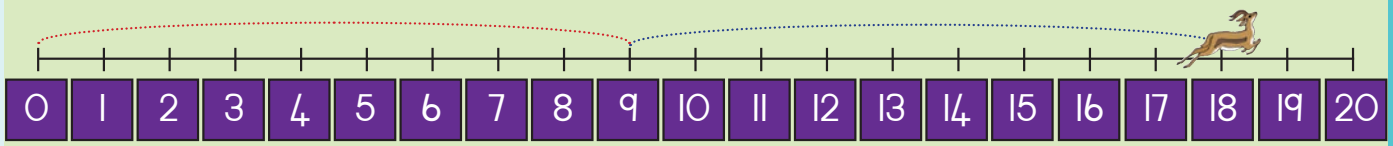


____ + ____ = ____

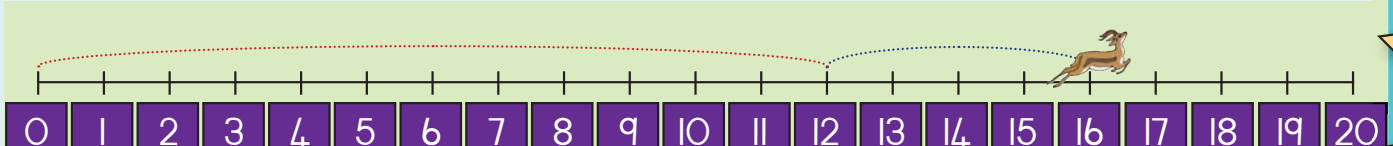


____ + ____ = ____

Help the springbok to write a sum.



____ + ____ = ____



____ + ____ = ____

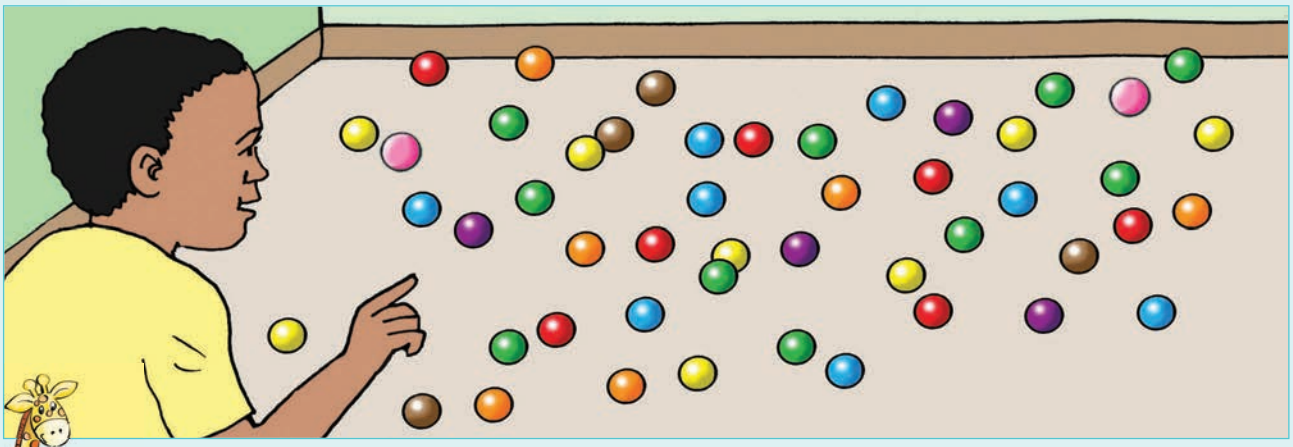
Teacher:

Sign:

Date:

Date:

Addition and subtraction



Write the number of beads.

How many red beads are there? ☐

How many blue beads are there? ☐

How many green beads are there? ☐

How many orange beads are there? ☐

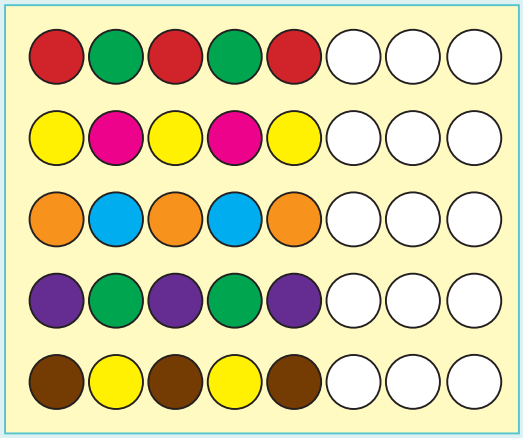
How many purple beads are there? ☐

How many beads are there altogether? ☐

Write the number of beads of each colour in the correct boxes and add them.

red	+	green	=	
yellow	+	pink	=	
orange	+	blue	=	
purple	+	green	=	
brown	+	yellow	=	

Complete the patterns.



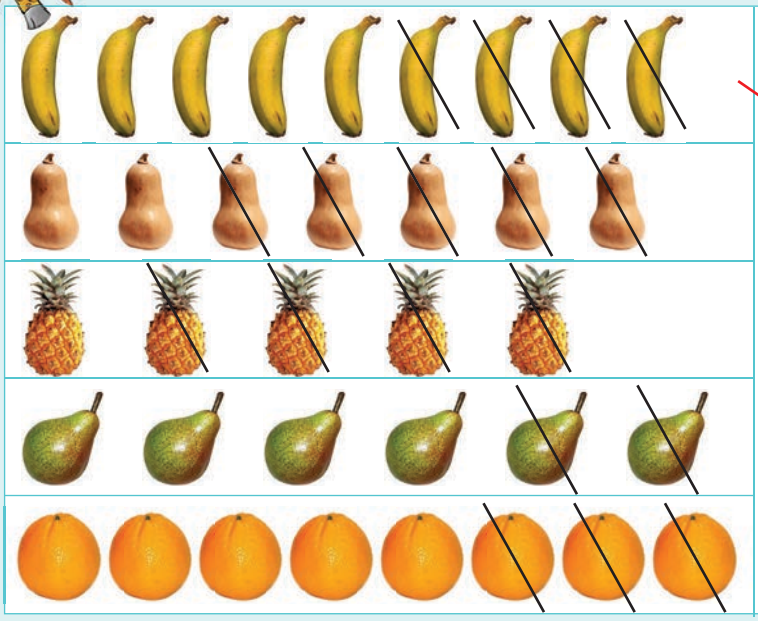
4

Add the red and blue beads and then fill in the answer in the box.

	+		=	15
8	+	7	=	
	+		+	=
8	+	2	+ 5	=
	+		=	
9	+	6	=	
	+		+	=
9	+		+	=

5

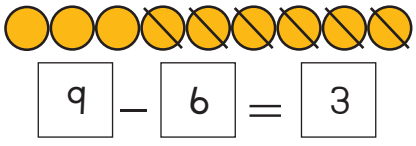
Match the picture with the correct sum and then fill in the answer.



7 – 5 =	
9 – 4 =	
8 – 3 =	
5 – 4 =	
6 – 2 =	

6

Write a sum for:



9	–	6	=	3
	–		=	
	–		=	
	–		=	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Date: .....

Days, weeks and months

Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday

January	February	March
April	May	June
July	August	September
October	November	December

Answer the following questions on days of the weeks.

Which day comes before Wednesday? _____

Which day comes after Wednesday? _____

Which day comes after Saturday? _____

Which day comes between Monday and Wednesday? _____

If Monday is the Ist day, then Friday is the _____ day.

Which days come between Wednesday and Saturday?

_____

Answer the following questions on months.

Which month comes before April? _____

Which month comes after June? _____

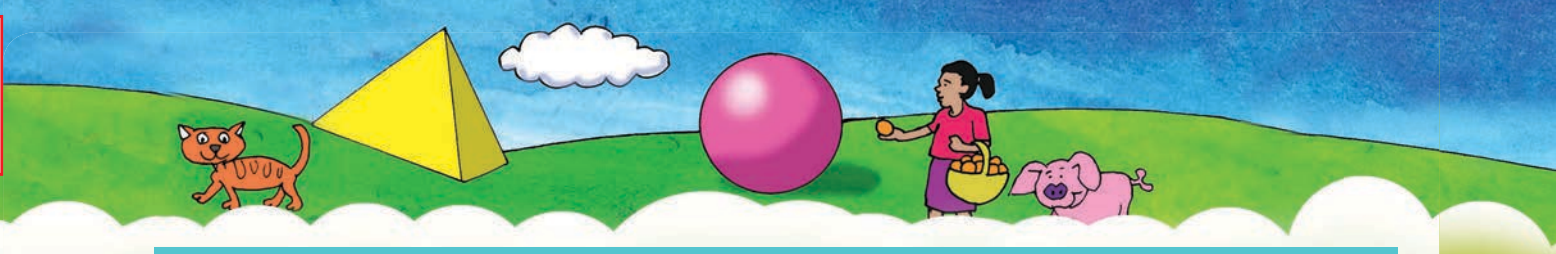
Which month comes between August and October? _____

Which months come between January and June?

_____

Which is the first month of the year? _____

Which is the last month of the year? _____



Religions in South Africa

Historical events

Human Rights Day

Freedom Day

Workers' Day

Youth Day

National Women's Day

Heritage Day

Day of Reconciliation

Birthday

My Birthday

Cut-out 2: Use the cut-outs and paste three religious holidays and all the South African public holidays onto the calendar months.

January	February	March
April	May	June
July	August	September
October	November	December

Teacher:

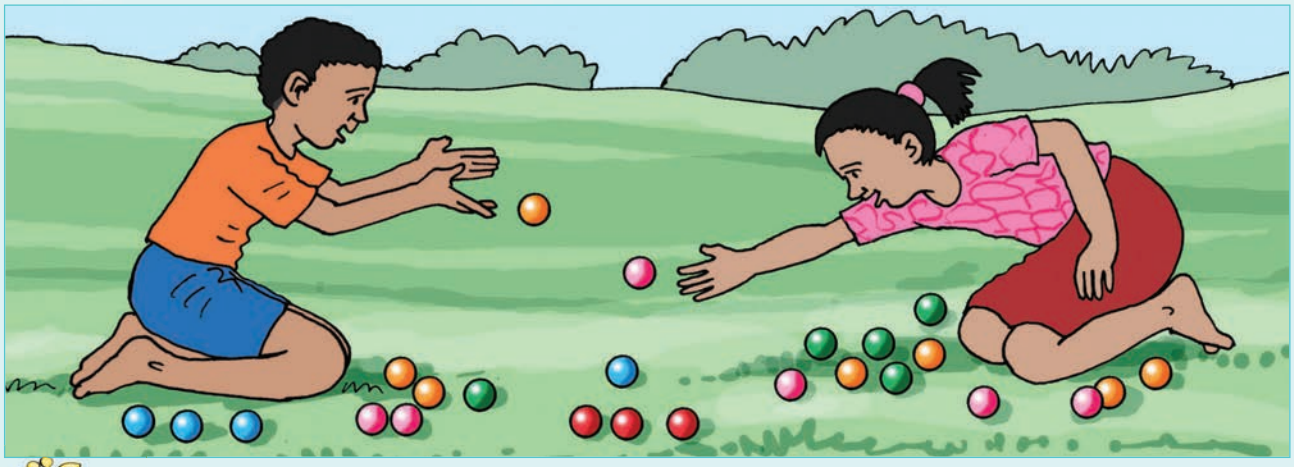
Sign:

Date:

23a

Date: .....

Addition

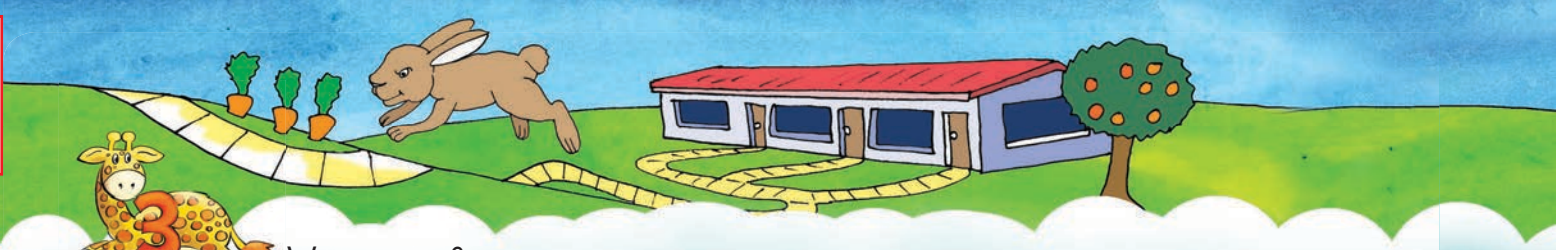


Look at the picture and write the number of marbles of each colour in the correct boxes and then add up the sums.

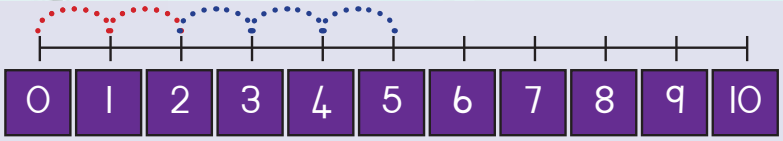
red	+	blue	=	3	+	4	=				
green	+	blue	=		+		=				
pink	+	blue	=		+		=				
green	+	orange	=		+		=				
red	+	green	=		+		=				
orange	+	blue	=		+		=				

Add.

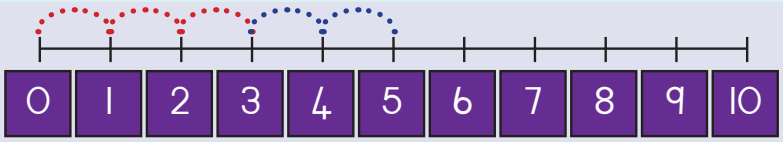
3 + 2 =	4 + 6 =	9 + 3 =
6 + 5 =	7 + 8 =	8 + 4 =
9 + 5 =	8 + 6 =	7 + 4 =
9 + 9 =	7 + 5 =	8 + 8 =
7 + 6 =	9 + 6 =	7 + 7 =



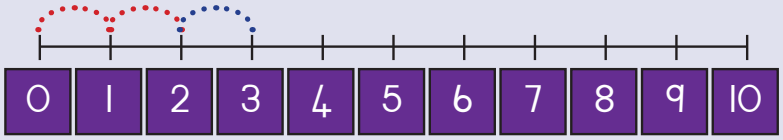
Write a sum for:



2 + 3 = 5



__ + __ = __

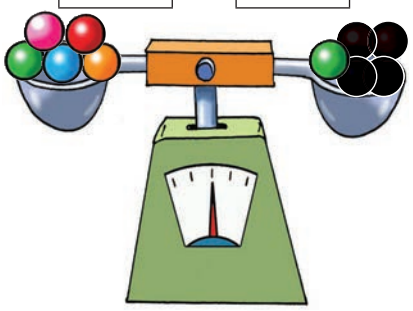


__ + __ = __

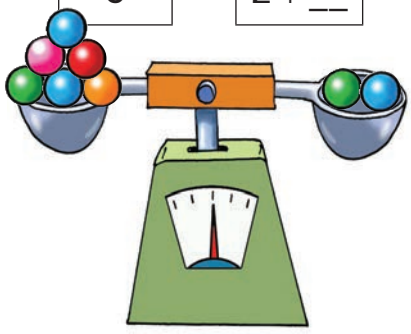
__ + __ = __

Add beads to make the scales equal. We have done the first one for you.

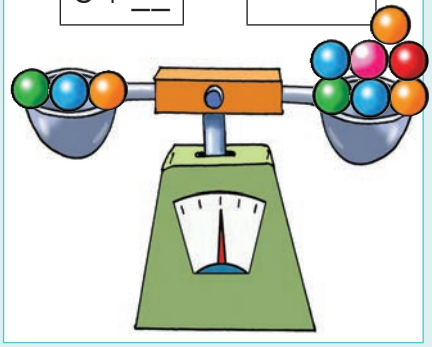
5 = 1 + 4



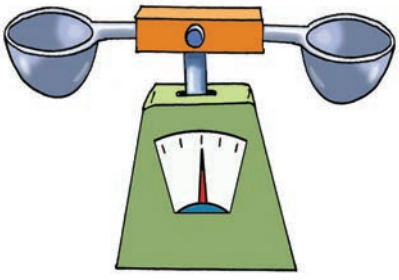
6 = 2 + __



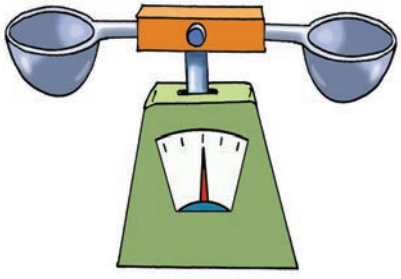
3 + __ = __



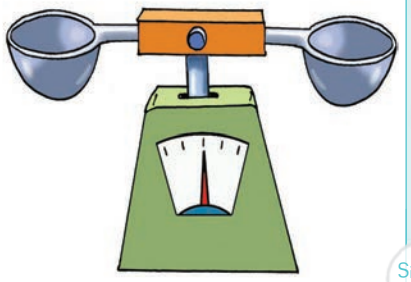
2 + 1 = 1 + __



6 + 3 = 3 + __



2 + __ = 8 + 2



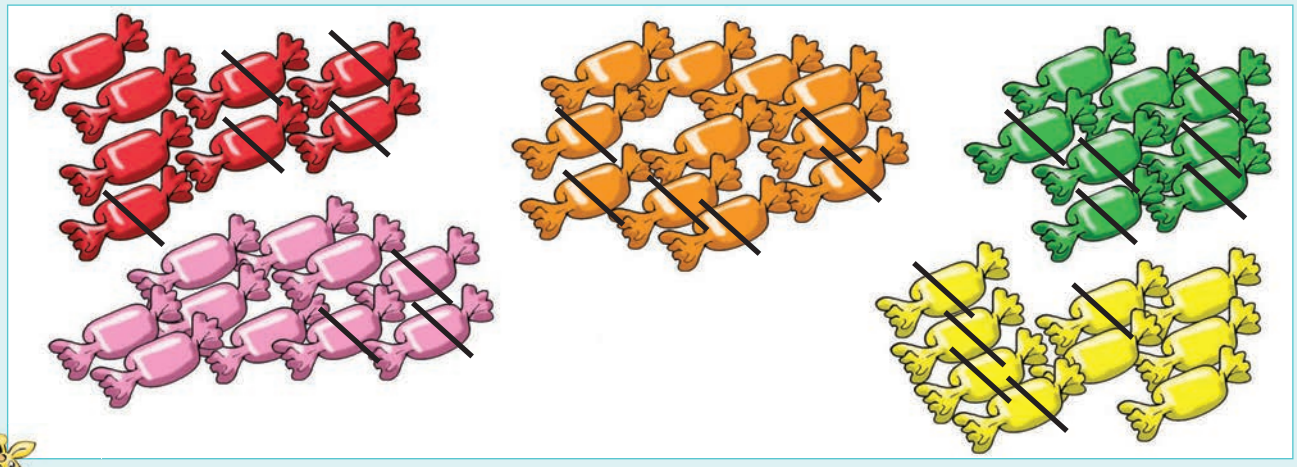
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

23b

Date:

Subtraction



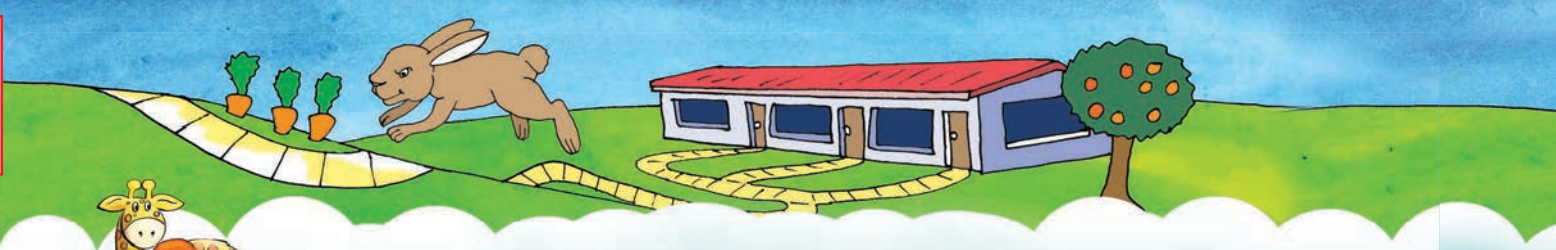
Look at the picture and write minus sums.

red sweets	=	8	−	5	=	3
green sweets	=		−		=	
yellow sweets	=		−		=	
orange sweets	=		−		=	
pink sweets	=		−		=	

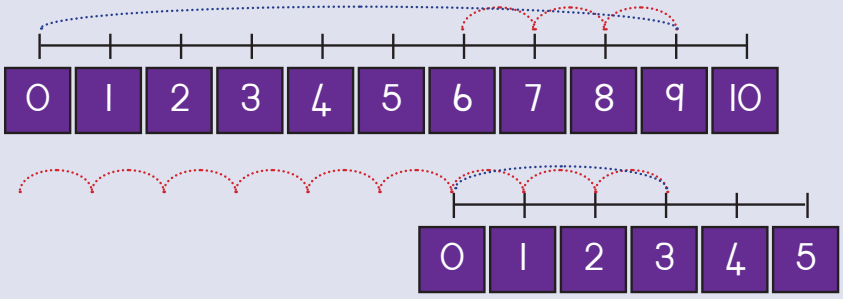
Minus.

5 − 3 =	10 − 6 =	12 − 3 =
11 − 5 =	15 − 7 =	12 − 4 =
14 − 9 =	14 − 8 =	11 − 4 =
18 − 9 =	12 − 5 =	16 − 8 =
13 − 7 =	15 − 6 =	14 − 7 =

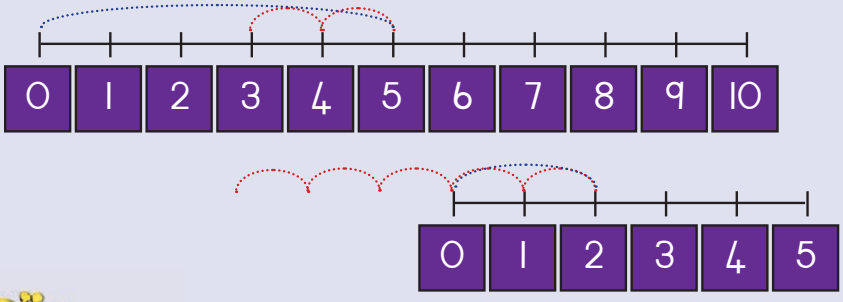
1 2 3 4 5 6 7 8 9 10



Complete.

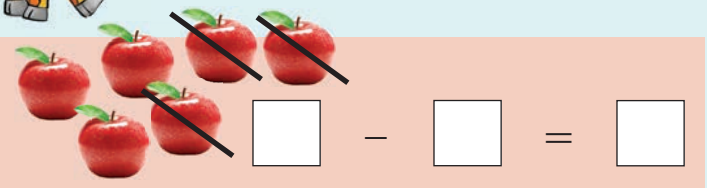


9 – 3
Is not equal to
3 – 9



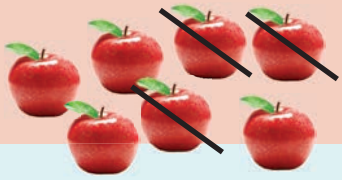
5 – 2
Is not equal to
2 – 5

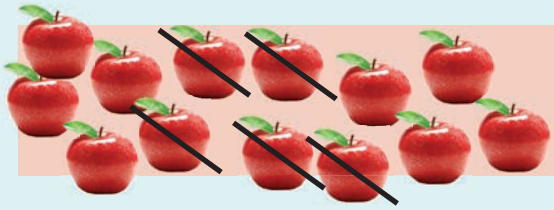
Write a sum for:



□ – □ = □

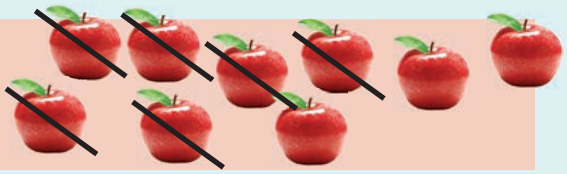
□ – □ = □

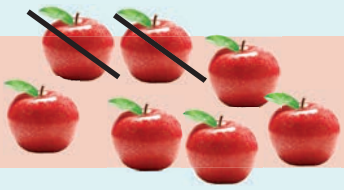




□ – □ = □

□ – □ = □





□ – □ = □

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

24

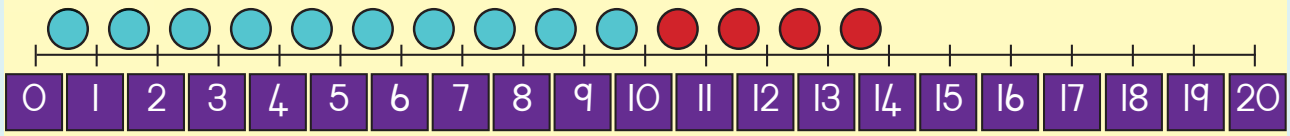
Date: .....

Some more addition

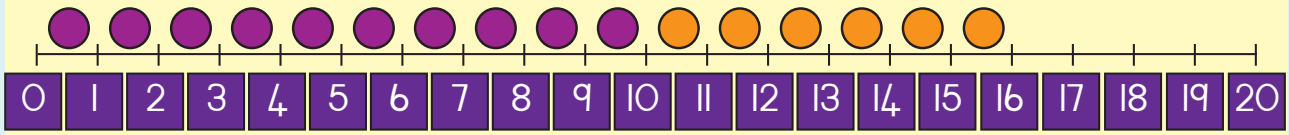
Add the numbers in each block and write down the total.

2 + 10	8 + 10	7 + 10	5 + 10	3 + 10

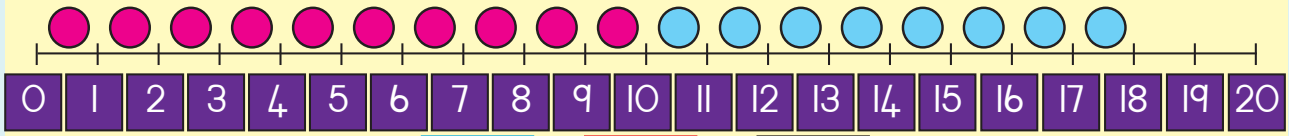
Use the number line. Write an addition sum. We have done the first one for you.



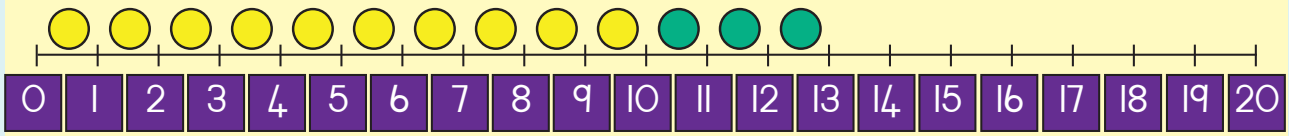
10 + 4 = 14



__ + __ = __



__ + __ = __



__ + __ = __

Add.

10	+	3	=	13	10	+	2	=	
10	+	5	=		10	+	7	=	
10	+	1	=		10	+	6	=	
10	+	4	=		10	+	8	=	
10	+	9	=		10	+	3	=	

Add.

16 + 13

10		10		20
6	+	3	=	9

16 + 13 = 29

14 + 12

10		10		
4	+	2	=	

__ + __ = __

17 + 11

10		10		
7	+	1	=	

__ + __ = __

15 + 13

10		10		
5	+	3	=	

__ + __ = __

16 + 12

10		10		
6	+	2	=	

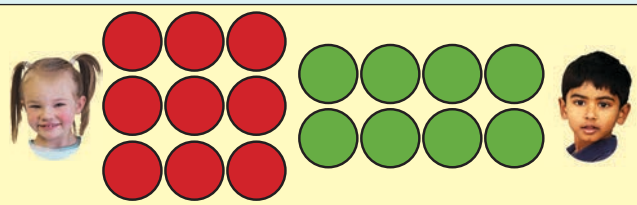
__ + __ = __

18 + 12

10		10		
8	+	2	=	

__ + __ = __

Lisa has 9 counters and Aakar has 8.



What is the total?

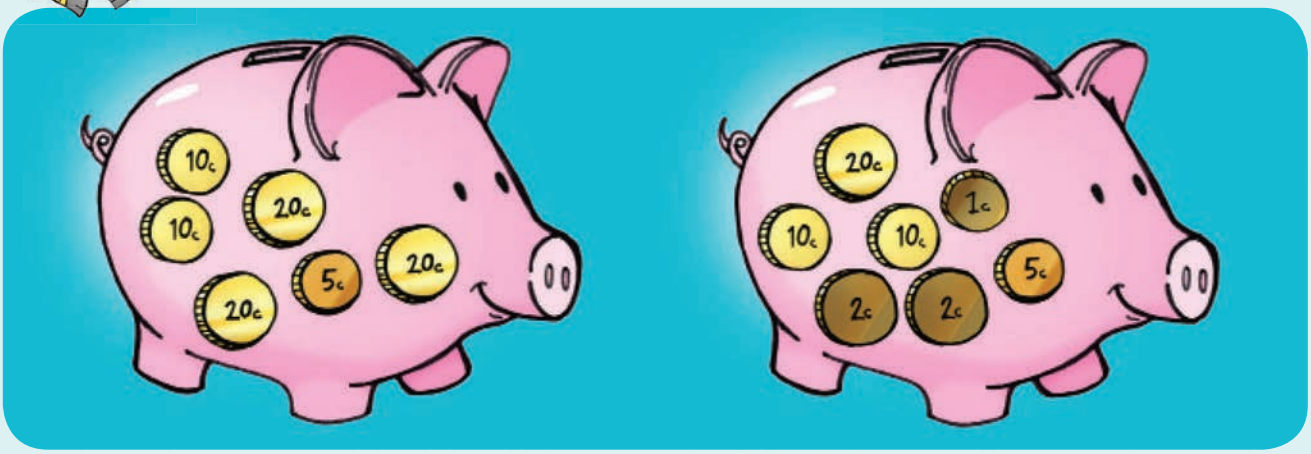
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Date:

Money

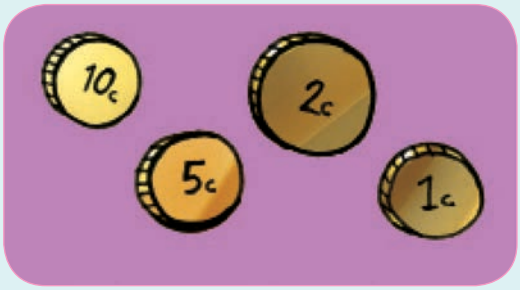
1 What is in my piggy bank?

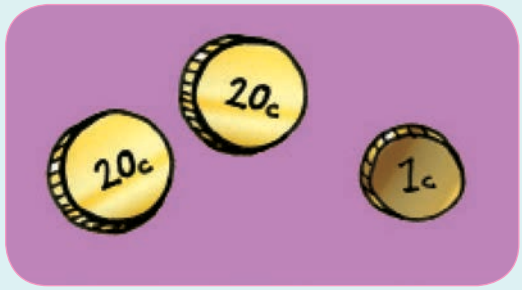


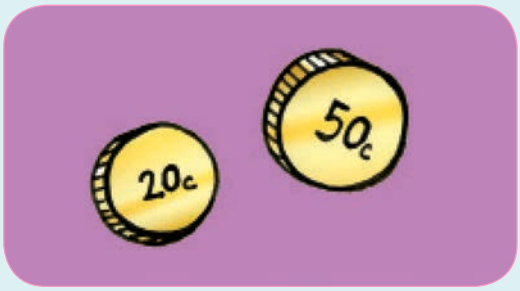
2 Cut the coins from Cut-out 3 and paste the right amounts here.

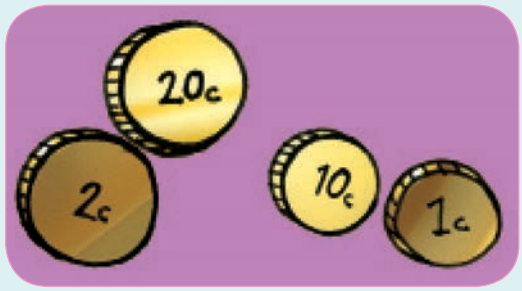
50c	70c
90c	60c
40c	80c

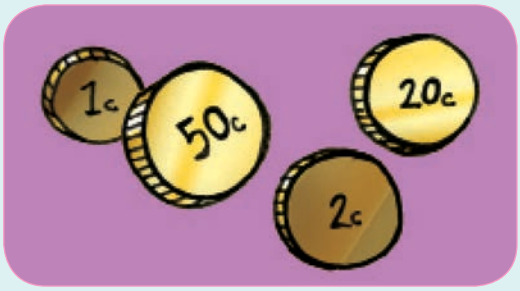
How many cents?

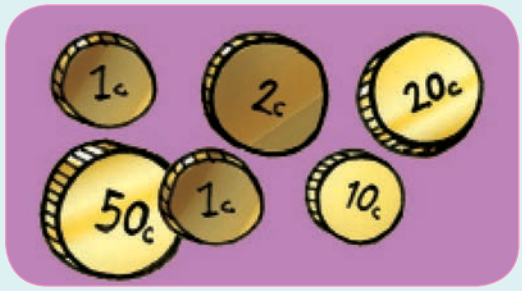












Word sums.

Suzy has 50c. Her mother gives her 20c more. How much money does Suzy have altogether?

_____

I have 90c. I bought a sweet for 30c. How much money do I have left?

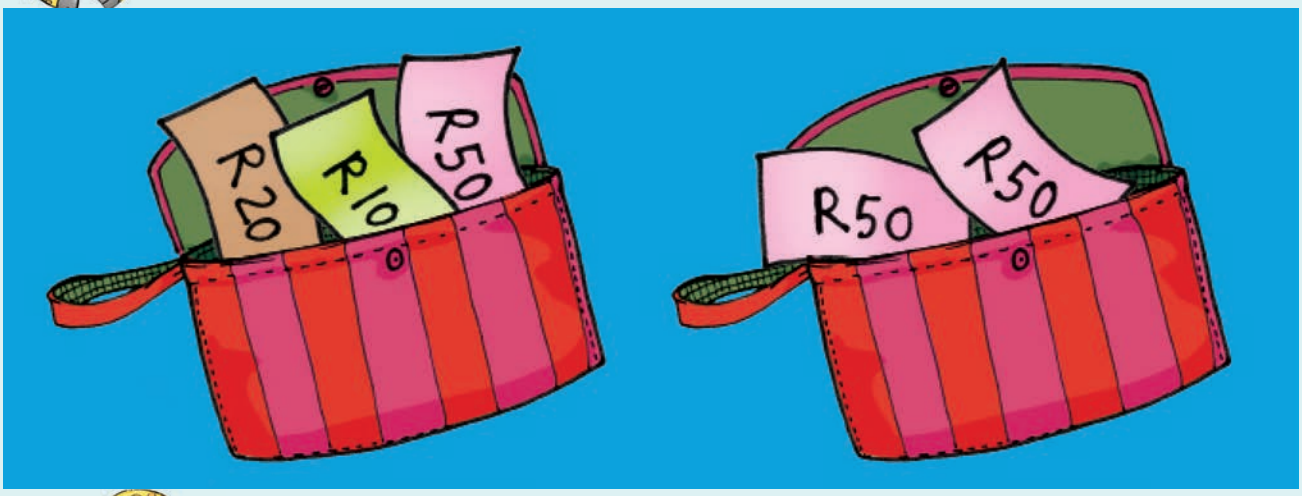
_____

Teacher:
Sign:
Date:

Date:

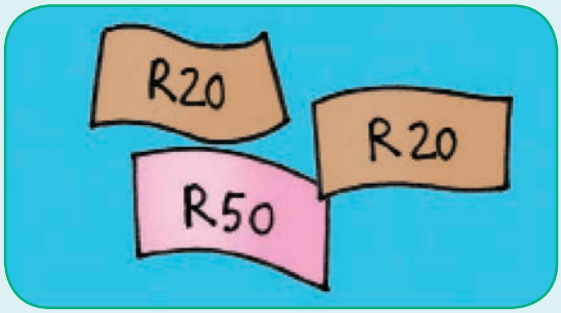
Note money

1 How much money is in my purse?



2 Cut the notes from Cut-out 3 and paste the correct amounts here.

How many rands in total?



Word sums.

I saved R50. I got R20 for my birthday. How much money do I have?

_____

I have R90. I bought a book for R30. How much money do I have left?

_____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

27

Date:

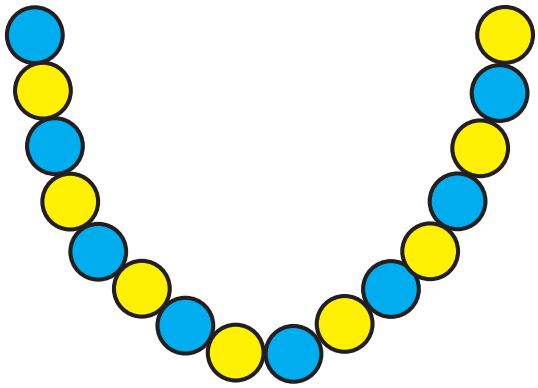
Patterns

1 Clap the pattern.

clap clap clap clap clap clap clap clap clap clap clap

clap clap clap clap clap clap clap clap clap clap clap clap clap clap clap clap clap clap clap clap clap

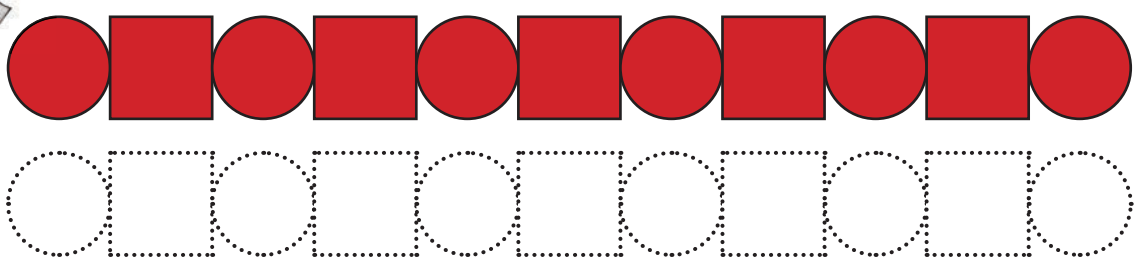
2 Copy the pattern. Use Cut-out 4.

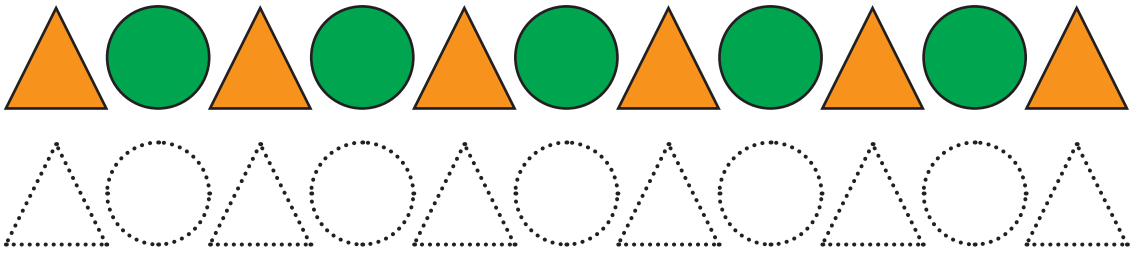


3 Make your own picture from the left-over beads. Use Cut-out 4.

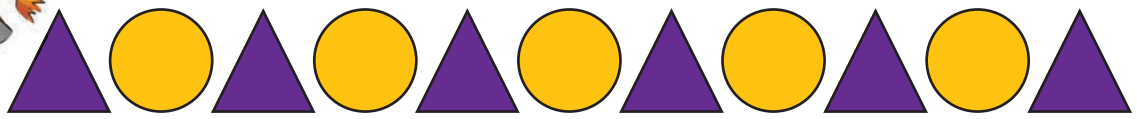
1 2 3 4 5 6 7 8 9 10

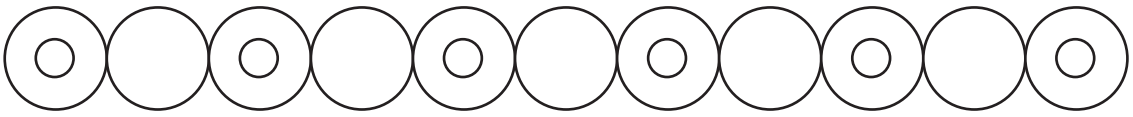
Copy the following patterns.





Copy the patterns.





Teacher:

Sign:

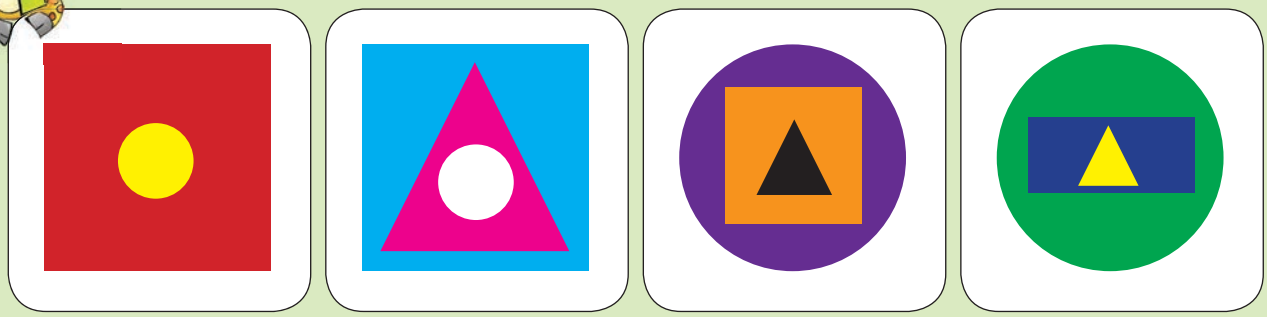
Date:

11 12 13 14 15 16 17 18 19 20

Date:

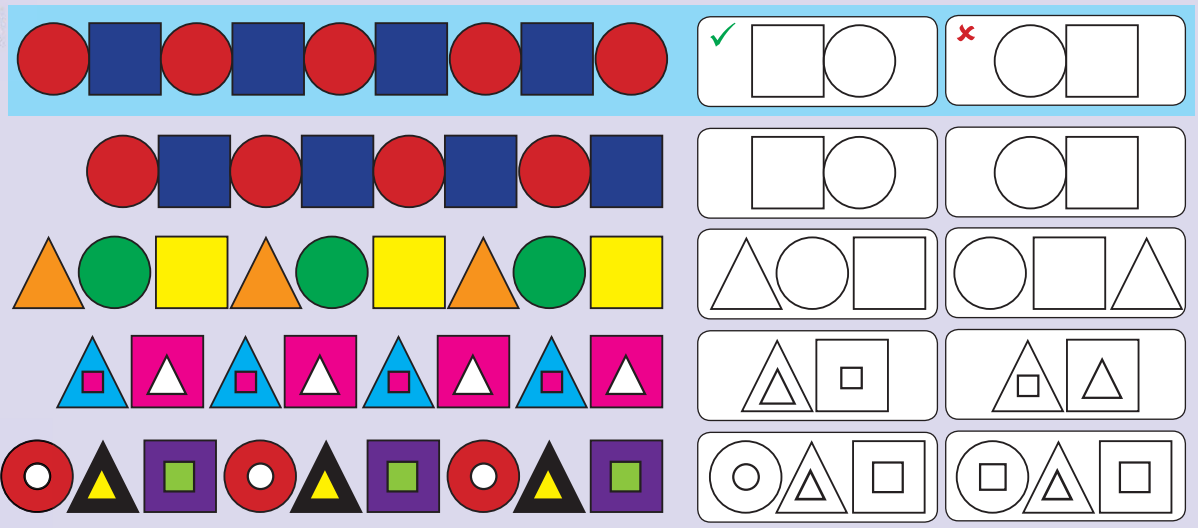
More patterns

1 Describe each pattern in words. The words below might help you.

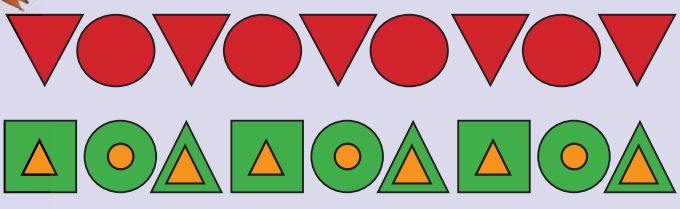


rectangle | square | triangle | circle | colours

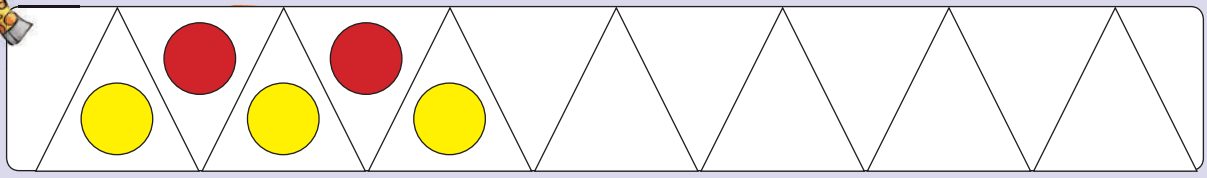
2 Choose and then colour the pattern that comes next.



3 Draw the next pattern.

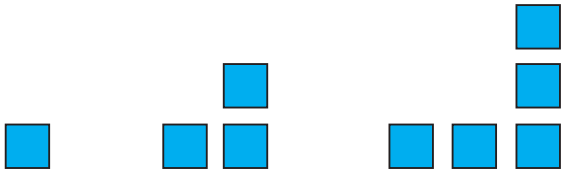


4 Extend the pattern.

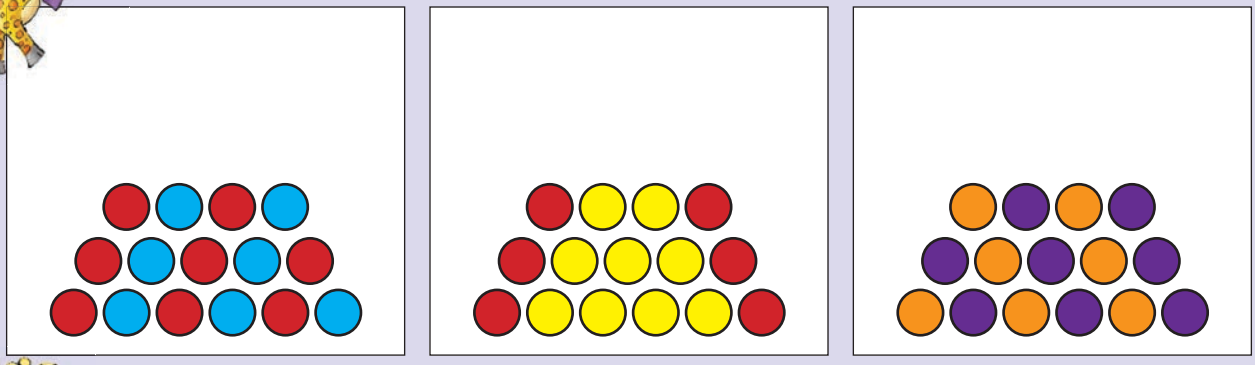


5 Draw your own patterns using

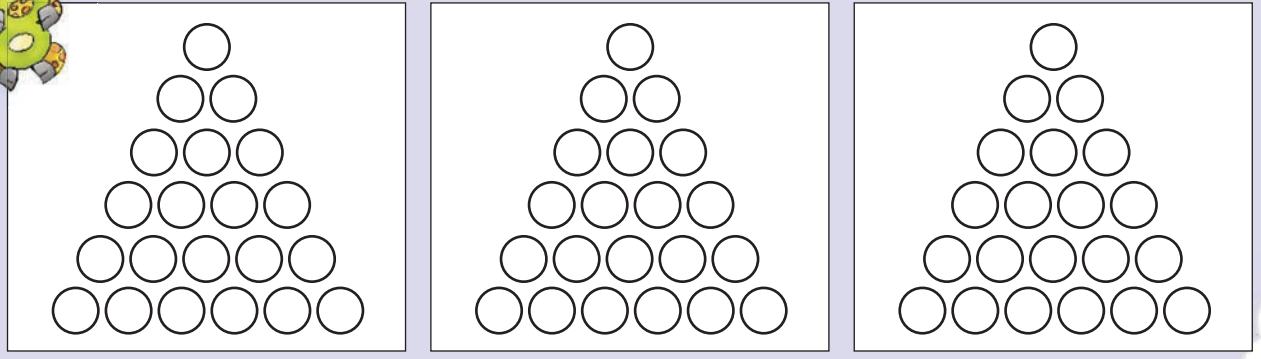
6 Draw the next pattern.



7 Complete the following so that you only have one circle at the top.



8 Create your own colour patterns using the shapes below.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Date: .....

Multiplication: × 2

How many sweets are on each table?

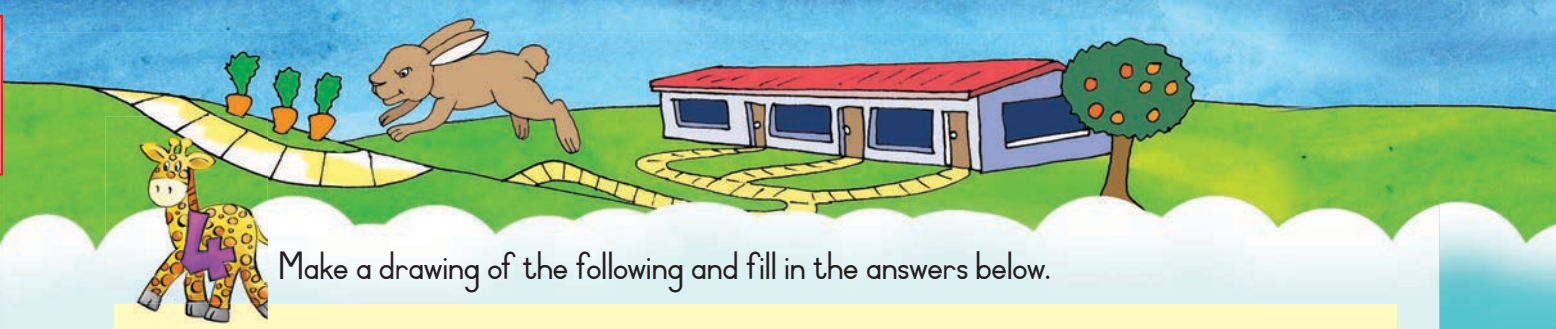
How did you count the sweets? (Some children may say 1, 2, 3... others may say 2, 4, 6...)

Complete the following. We have done the first one for you.

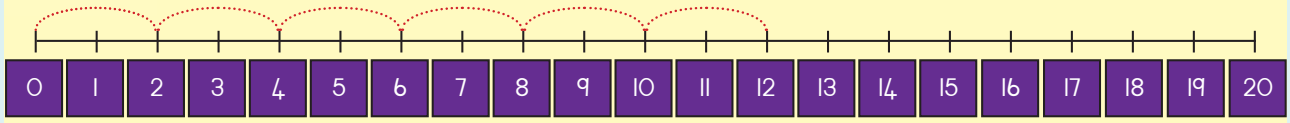
4 groups of 2	2 + 2 + 2 + 2 = 8	4 × 2 = 8
5 groups of 2	2 + 2 + 2 + 2 + 2 =	5 × 2 =
6 groups of 2	2 + 2 + 2 + 2 + 2 + 2 =	6 × 2 =
7 groups of 2	2 + 2 + 2 + 2 + 2 + 2 + 2 =	7 × 2 =
8 groups of 2	2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =	8 × 2 =

Make a drawing of the following.

3 groups of 2	4 groups of 2	9 groups of 2



Make a drawing of the following and fill in the answers below.



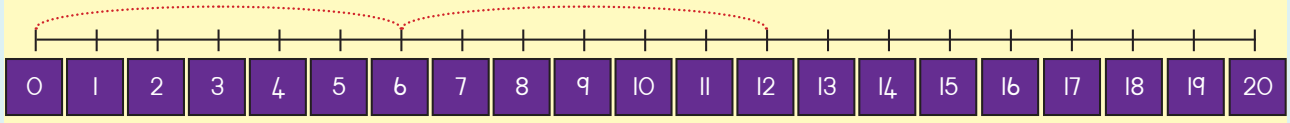
2, 4, 6, 8, ___ , ___

2 + 2 + 2 + 2 + 2 + 2 = ☐

6 groups of 2 = ☐

6 × 2 = ☐

Drawing



6, ___

6 + ☐ = ☐

2 groups of ☐ = ☐

2 × ☐ = ☐

Drawing

One spider has 2 eyes. How many eyes do 7 spiders have?

☐

2 4 6 8 10 12 14

16 18 20 22 24 26

Teacher:

Sign:

Date:

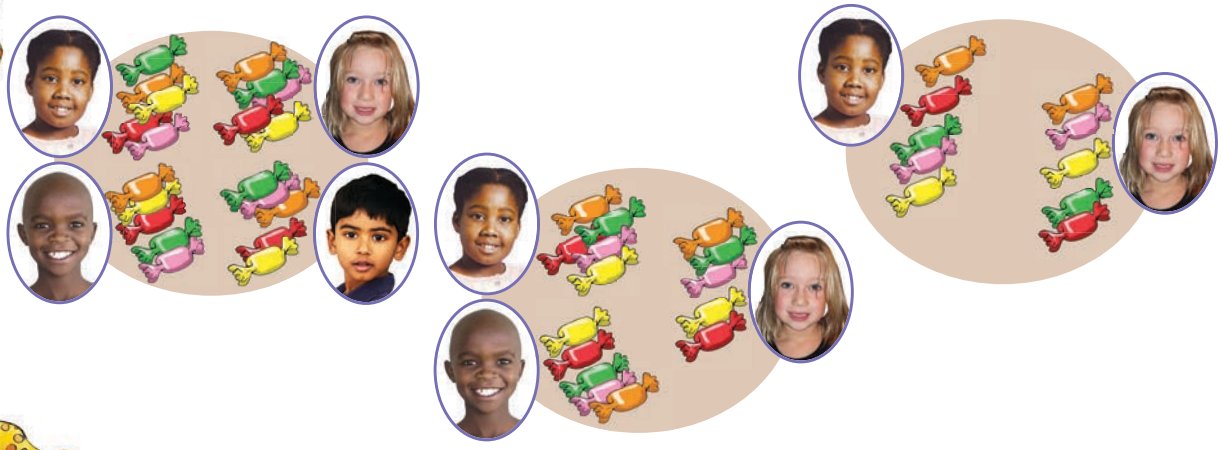
11 12 13 14 15 16 17 18 19 20

30

Date:

Multiplication: × 5

1 How many sweets are on each table?



2 Complete the following. We have done the first one for you.

3 groups of 5	5 + 5 + 5 = 15	3 × 5 = 15

2 groups of 5	5 + 5 =	2 × 5 =

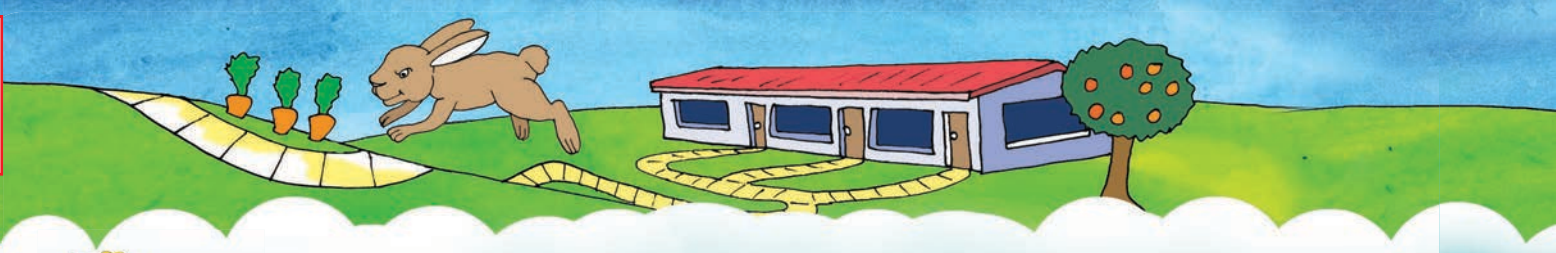
4 groups of 5	5 + 5 + 5 + 5 =	4 × 5 =

6 groups of 5	5 + 5 + 5 + 5 + 5 + 5 =	6 × 5 =

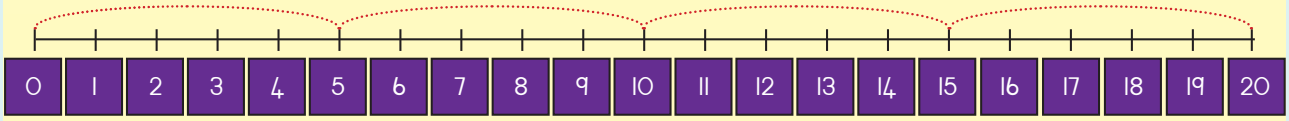
7 groups of 5	5 + 5 + 5 + 5 + 5 + 5 + 5 =	7 × 5 =

3 Make a drawing of the following.

3 groups of 5	4 groups of 5	5 groups of 5



Make a drawing of the following and fill in the answers below.



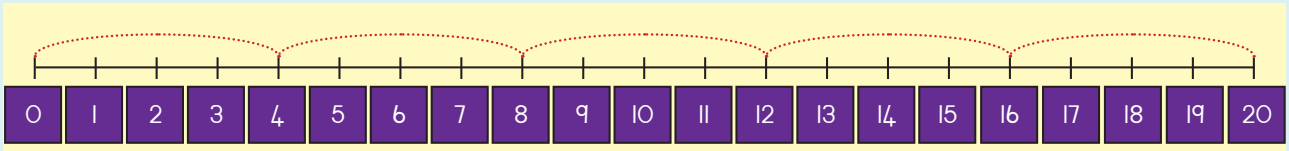
5, 10, 15, ___

5 + 5 + 5 + 5 = ☐

4 groups of 5 = ☐

4 × 5 = ☐

Drawing



4, 8, 12, ___, ___

4 + 4 + 4 + 4 + 4 = ☐

5 groups of 4 = ☐

5 × 4 = ☐

Drawing

5 10 15 20 25 30

35 40 45 50

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

31

Date:

Multiplication stories

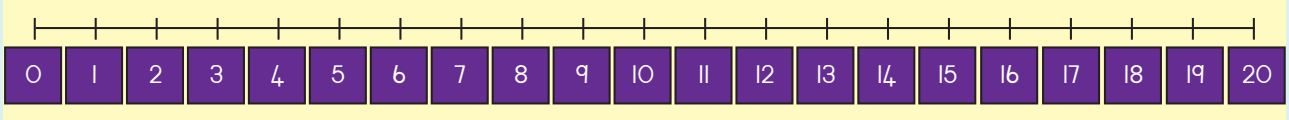
Make your own story using the total number of ears, eyes, hands and feet.

We are 10 friends. How many hands do we have?

Make a drawing.

Show it with counters.

Show it on a number line.



____ + ____ = ____

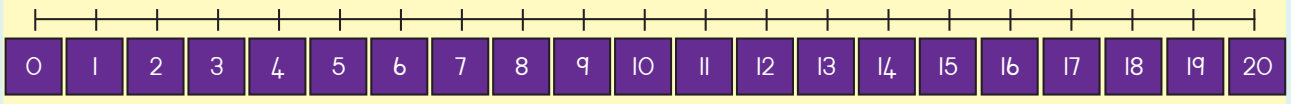
____ × ____ = ____

Susan's family has 10 pairs of shoes. How many shoes do they have?

Make a drawing.

Show it with counters.

Show it on a number line.



+ = × =

Write your own story using 6 children and their hands.

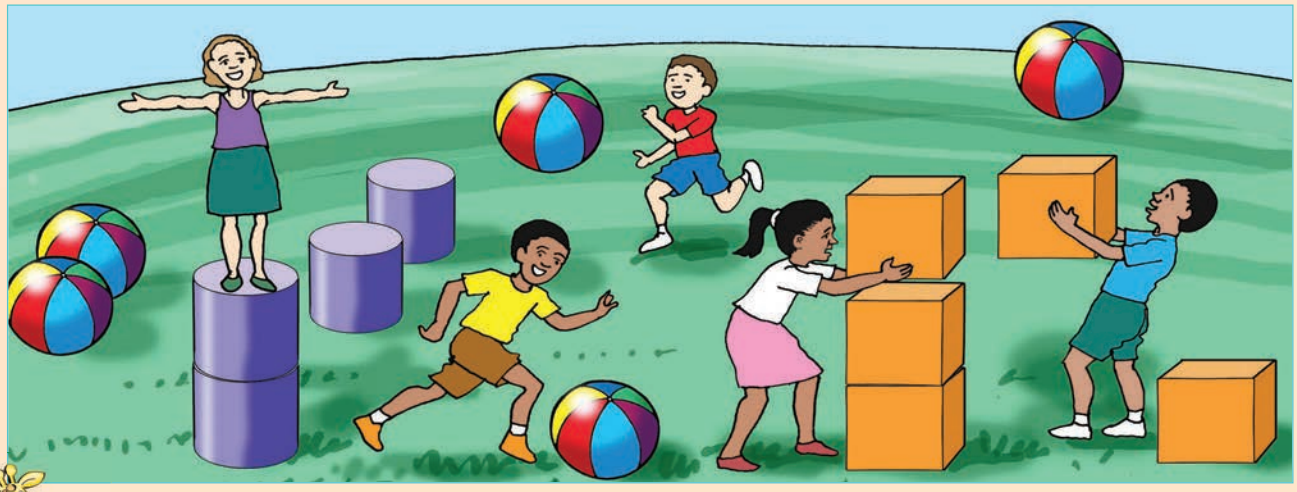
5 10 15 20 25 30 35

Teacher:
Sign:
Date:

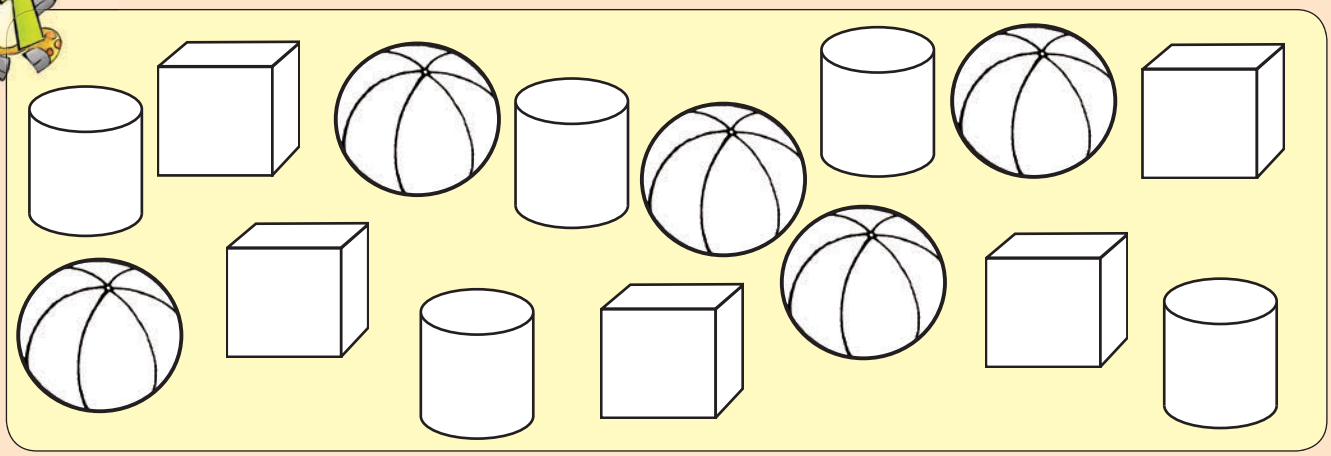
11 12 13 14 15 16 17 18 19 20

Date:

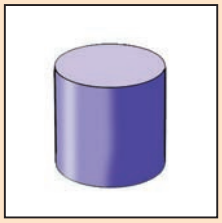
Three-dimensional objects



Colour all the balls red, the boxes blue and the cylinders green.

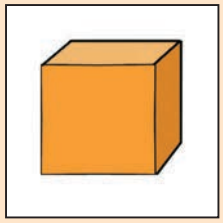


Choose and colour the correct answer.



straight edges

curved edges

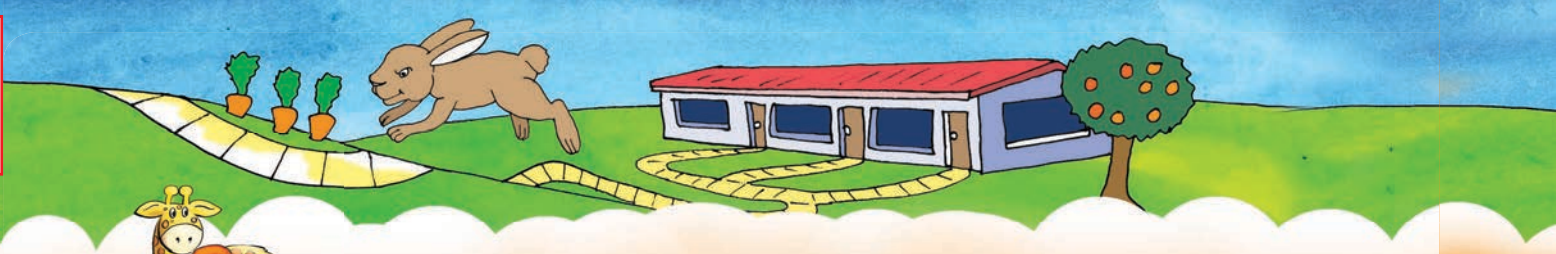


straight edges

curved edges

straight edges

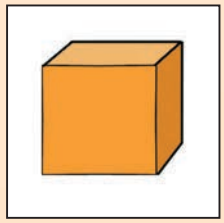
curved edges



3 Say if the object will roll or slide.

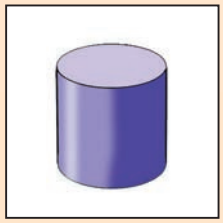
slide

roll



slide

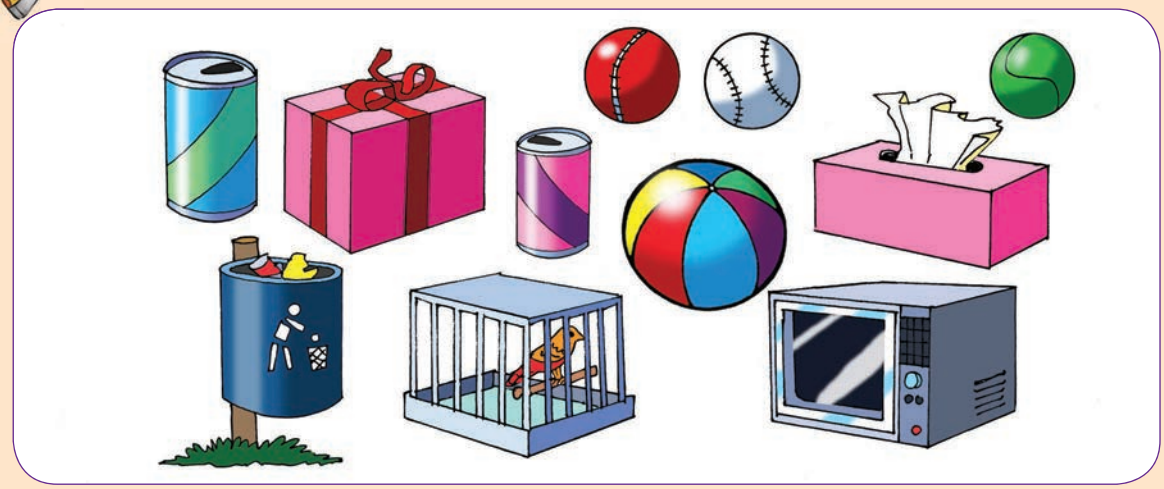
roll

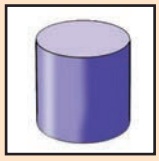


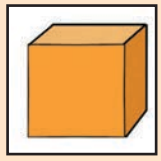
slide

roll

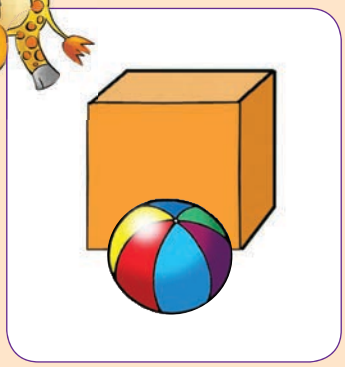
4 How many of these objects do you see in the picture: cylinders, boxes and balls?





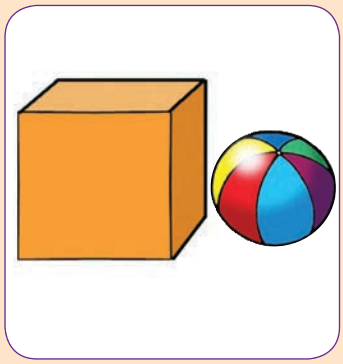


5 Where is the ball? In front of the box? At the side? Behind? On top?



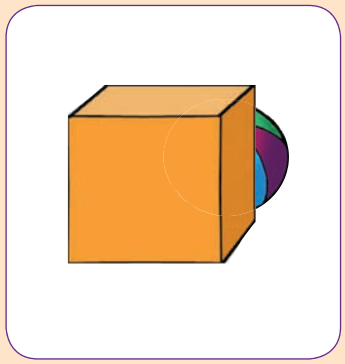
in front ____ at side ____

behind ____ on top ____



in front ____ at side ____

behind ____ on top ____



in front ____ at side ____

behind ____ on top ____

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

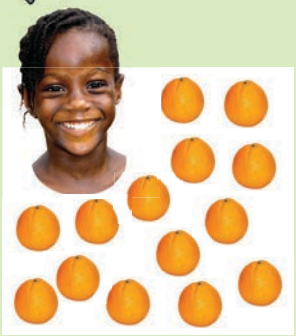
33

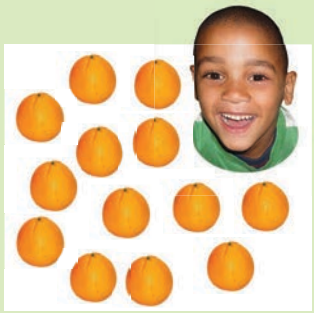
Date:

Order and compare numbers: 1 – 40

1

Who has more oranges?





Who has more apples?

2

Fill in the empty boxes on the bead count.

1	2	3	4	5		7			10
	12				16		18		
21				25	26				30
31					36				40

3

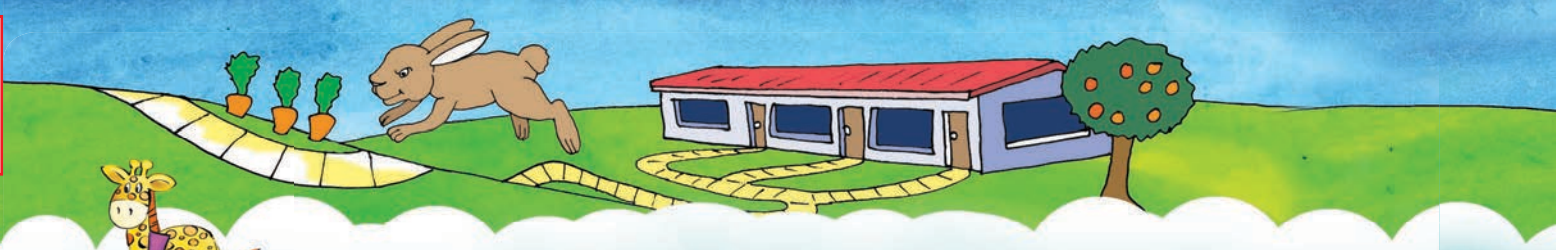
Look at the beads and answer the questions.

What number is smaller than 8? ☐

What number is bigger than 13? ☐

What number is smaller than 20? ☐

What number is smaller than 24? ☐



Colour the numbers that are smaller than 10 in blue and bigger than 10 in red.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Colour the numbers that are smaller than 30 and bigger than 24 in green.

20	21	22	23	24	25	26	27	28	29	30

Colour the numbers that are smaller than 40 and bigger than 36 in yellow.

30	31	32	33	34	35	36	37	38	39	40

Colour the even numbers yellow and the odd numbers green.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Which odd number comes just after 10?	
Which even number comes just before 10?	
Write down the even numbers between 14 and 24.	
Write down the odd numbers between 5 and 15.	
Which odd number comes just after 21?	
Which even number comes just before 24?	
Write down the even numbers between 20 and 30.	
Write down the odd numbers between 20 and 30.	

Teacher:
Sign:
Date:

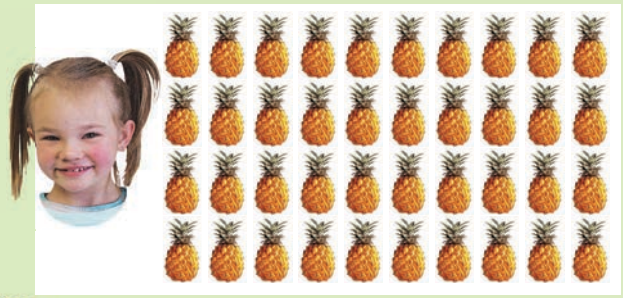
11 12 13 14 15 16 17 18 19 20

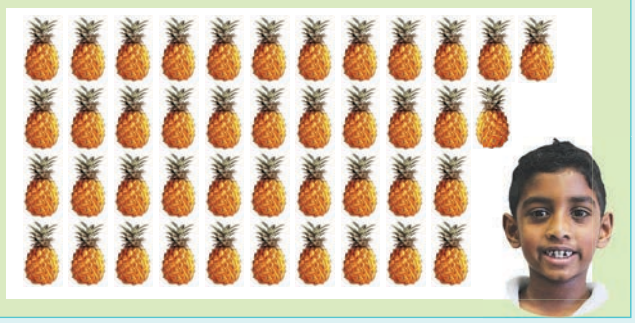
34

Date: .....

Order and compare numbers: 40 – 50

1 Who has more pineapples? or





2 Count the beads and fill in the empty boxes.

1	2	3	4	5					
								19	
							28		

	32								
									50
51	52	53	54	55	56	57	58	59	60

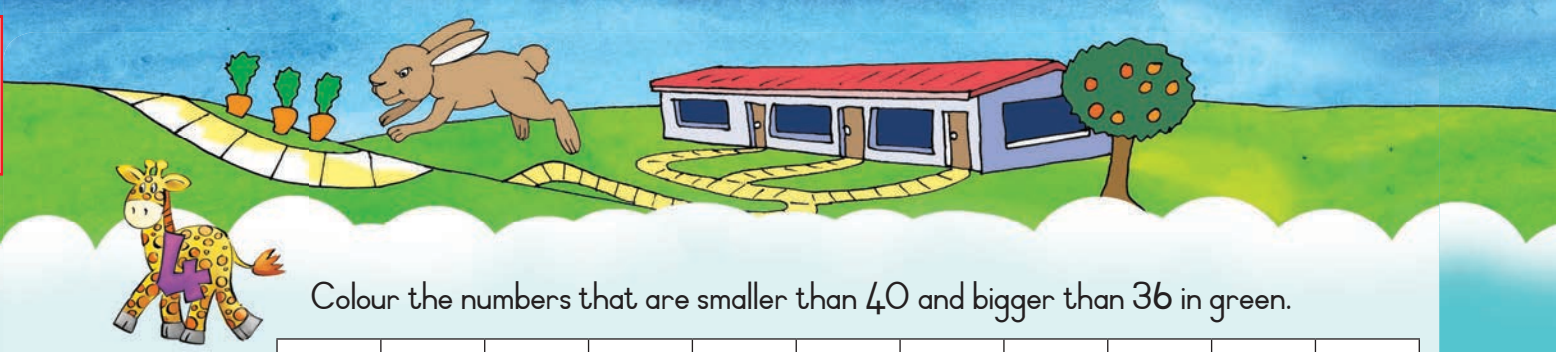
3 Look at the beads and answer the questions.

What number is smaller than 3? ☐

What number is bigger than 31? ☐

What number is smaller than 38? ☐

What number is smaller than 47? ☐



Colour the numbers that are smaller than 40 and bigger than 36 in green.

30	31	32	33	34	35	36	37	38	39	40

Numbers smaller than 40.

Numbers bigger than 36.

Colour the even numbers yellow and the odd numbers green.

40	41	42	43	44	45	46	47	48	49	50

Which odd number comes just after 40?

Which even number comes just before 43?

Write down the even numbers between 40 and 50.

Write down the odd numbers between 40 and 50.

Which even number comes just after 40?

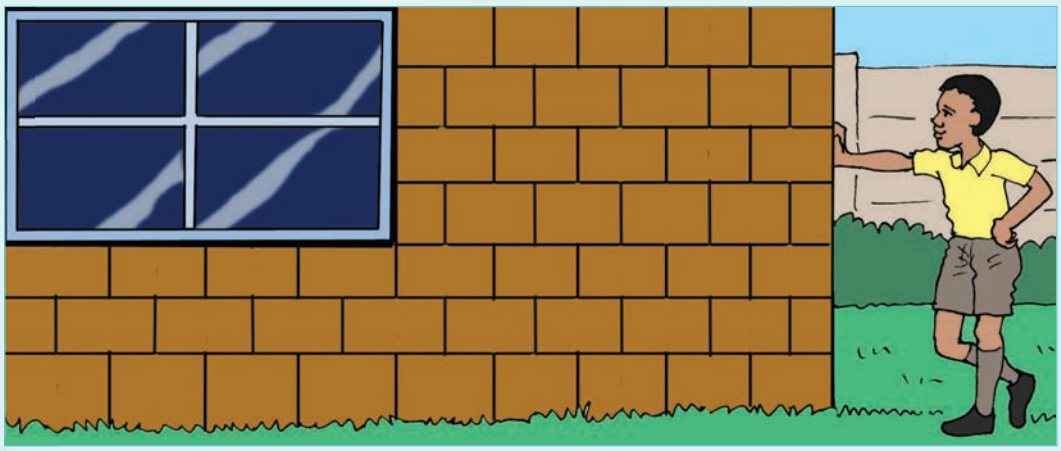
Which even number comes just before 41?

Teacher:
Sign:
Date:

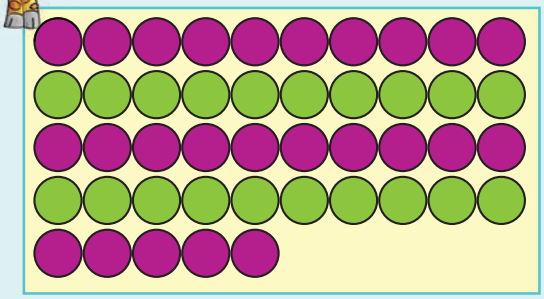
11 12 13 14 15 16 17 18 19 20

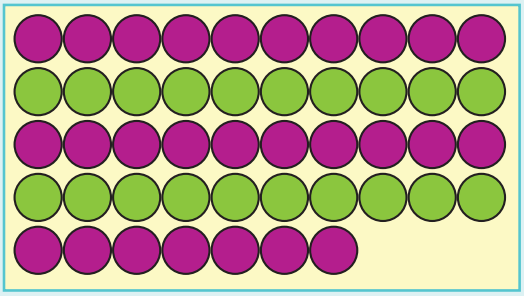
Date:

Numbers 40 – 50



How many beads are there?





Number	We can write it as:	Number	We can write it as:
45	40 + 5 = 45		+ =

Complete the following.

20	21	22							
30				34					
		42							

Complete the following.

20 + 4 = 24

+ =

5 Write the words for:

41	_____	42	_____
43	_____	44	_____
45	_____	46	_____
47	_____	48	_____
49	_____	50	_____

6 Look at the first example and complete the rest.

45	=	4	tens	+	5	units	44	=		tens	+		units
43	=		tens	+		units	41	=		tens	+		units
42	=		tens	+		units	48	=		tens	+		units

7 Write the correct number in the correct column.

	Tens	Units
27		
34		
46		
41		
39		

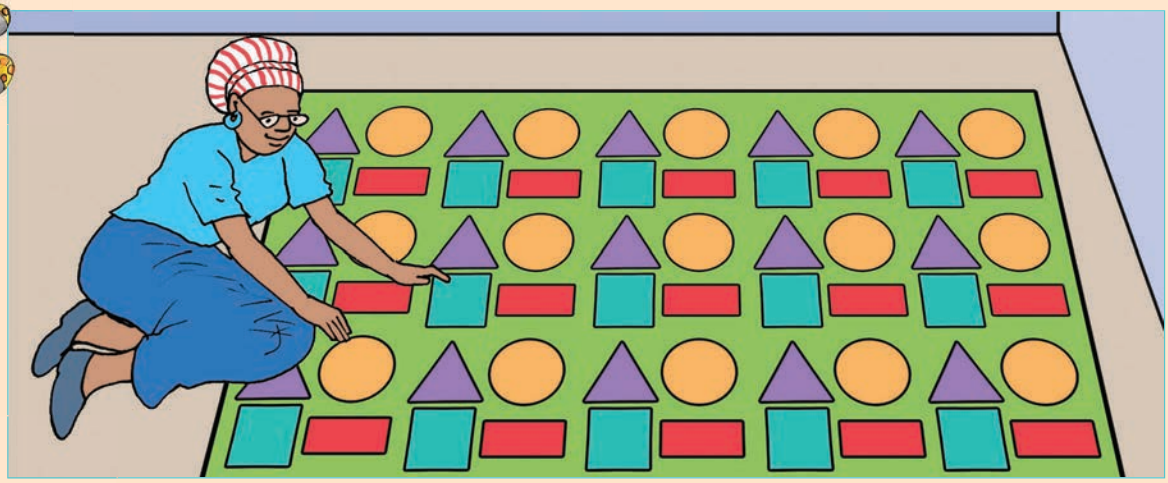
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

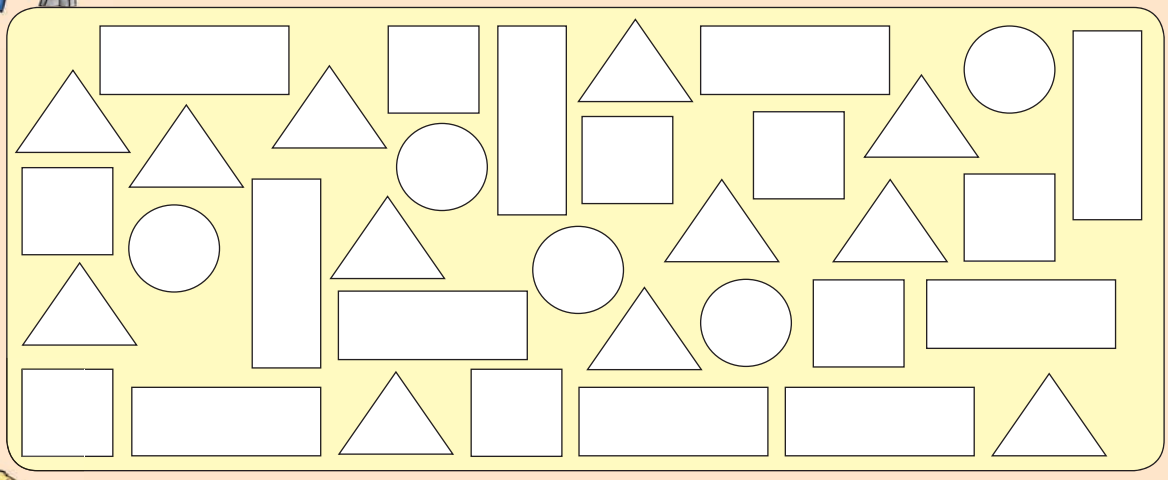
Date:

Squares, rectangles, triangles and circles

1 Granny made this beautiful quilt. Identify all the shapes.



2 Colour the squares blue, the rectangles yellow, the triangles green and the circles red.



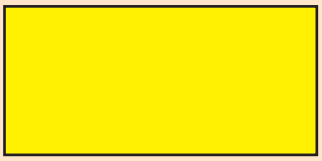
3 Choose and colour the correct answer.

straight edges

curved edges

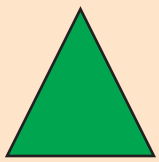
straight edges

curved edges



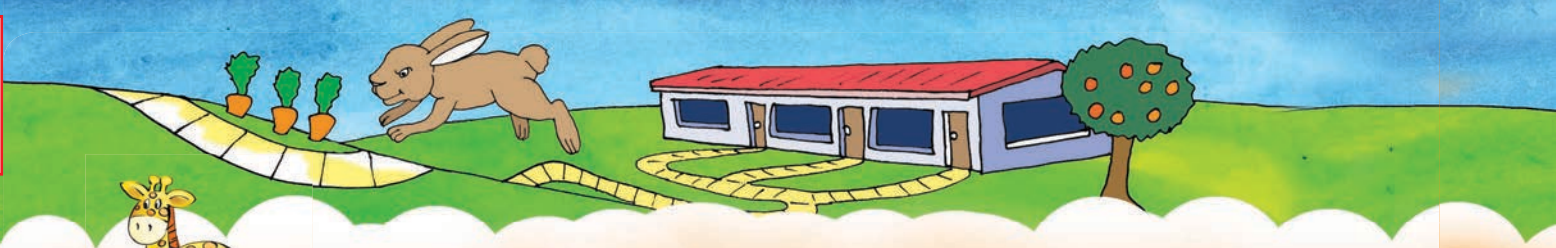
straight edges

curved edges

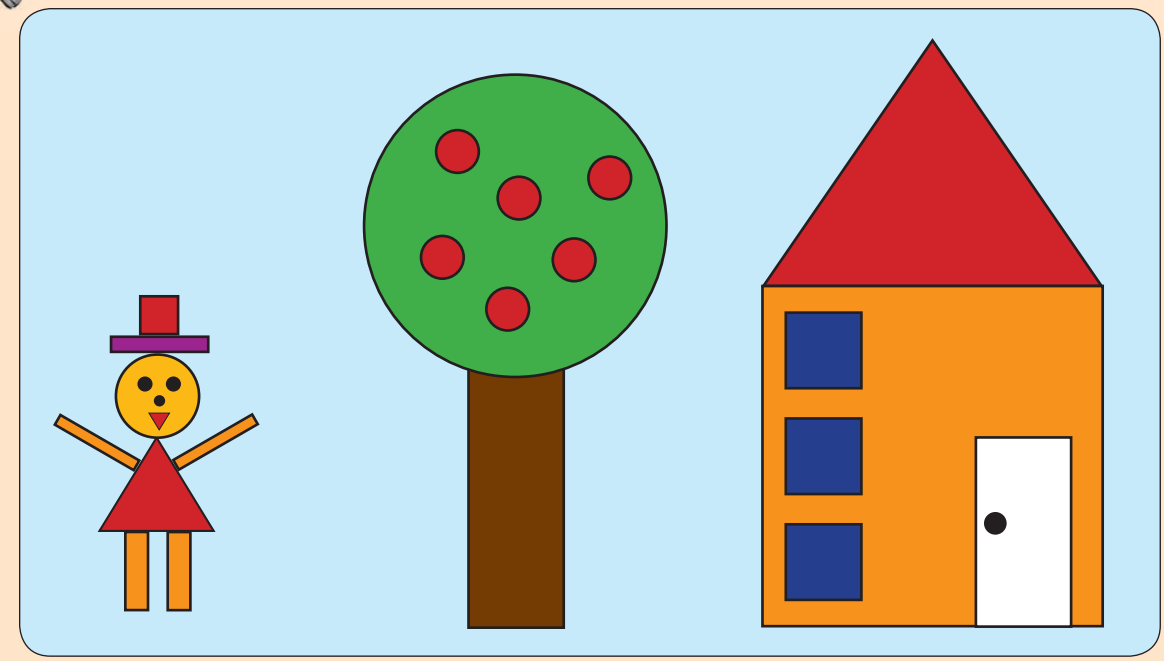


straight edges

curved edges



How many ● ■ ▲ and ▭ do you count?



● ☐ ■ ☐ ▲ ☐ ▭ ☐

Draw your own picture using circles, squares, triangles and rectangles.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

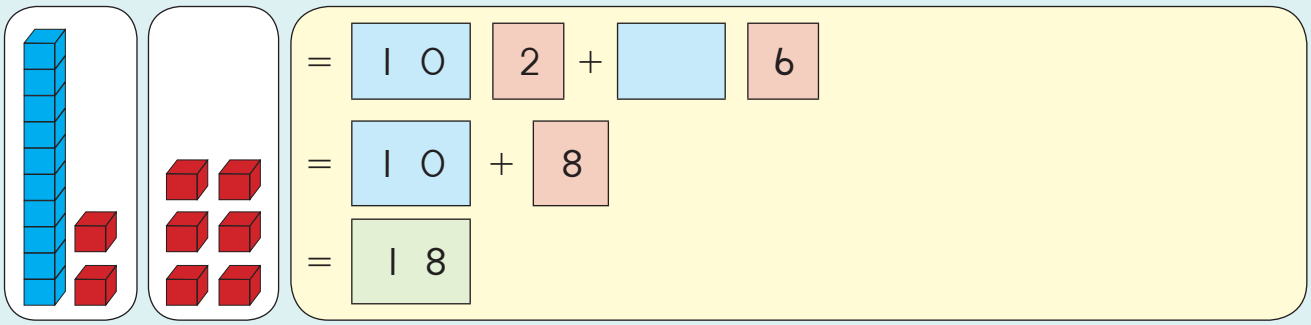
Date:

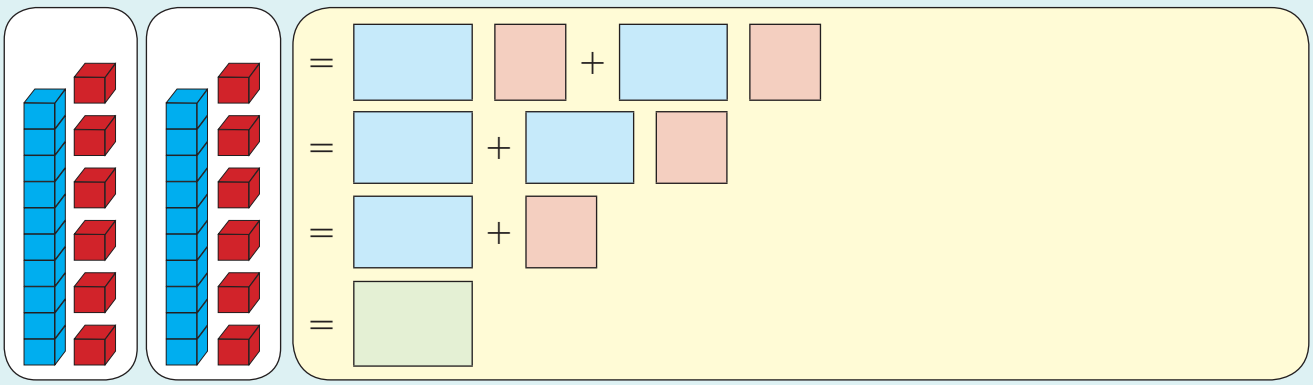
Addition and subtraction up to 20

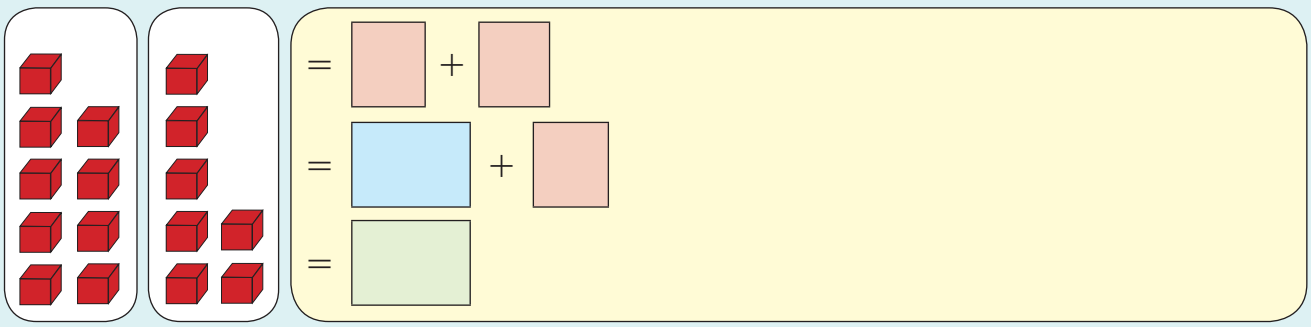
1 Quick recall.

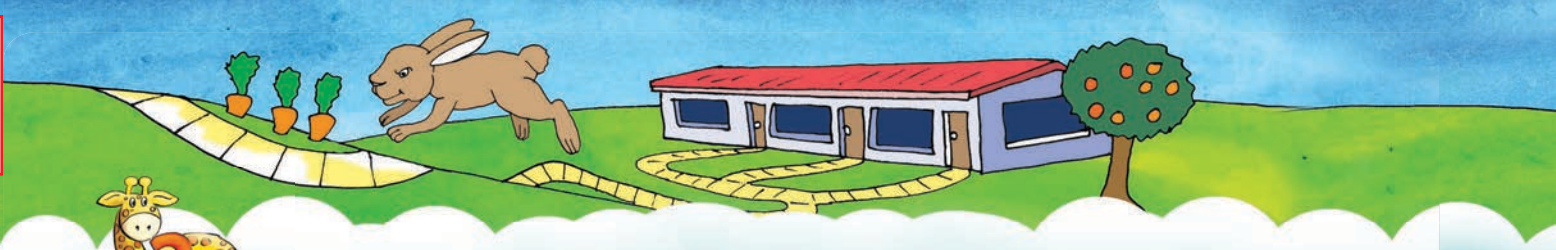
$4 + 5 - 1 =$	$13 - 9 + 2 =$	$20 - 7 + 1 =$	$10 + 5 - 4 =$
$10 + 3 + 2 =$	$9 + 3 - 2 =$	$8 - 2 - 1 =$	$13 - 8 + 1 =$
$9 - 4 - 3 =$	$18 - 9 - 4 =$	$7 + 8 + 1 =$	$16 - 7 + 3 =$
$14 - 6 + 4 =$	$12 - 5 - 2 =$	$19 - 10 + 5 =$	$6 + 5 - 3 =$

2 Add the following.

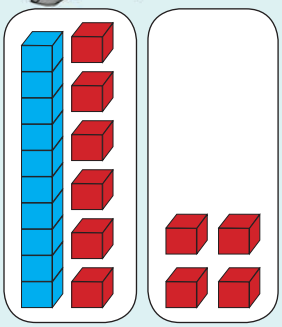








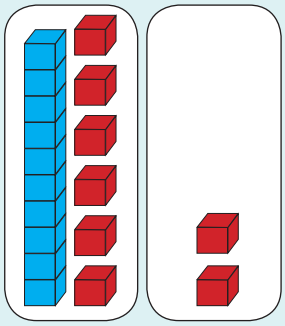
3 Subtract the following.



= 10 6 − 4

= 10 − 2

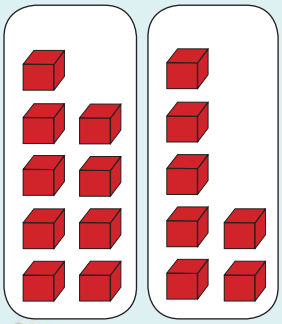
= 8



= ☐ ☐ − ☐ ☐

= ☐ + ☐

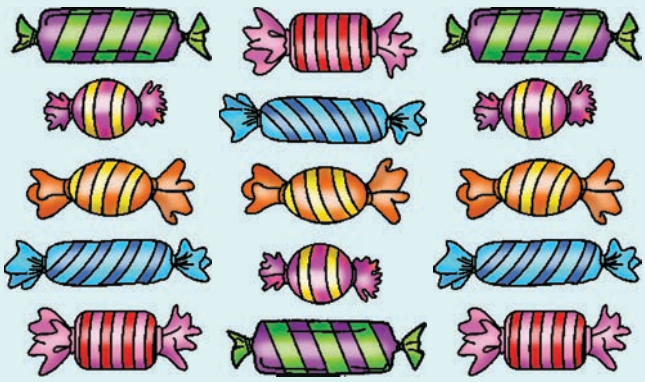
= ☐



= ☐ − ☐

= ☐

I bought 15 sweets. I ate 2. I gave my friend 4.
How many sweets do I have left?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

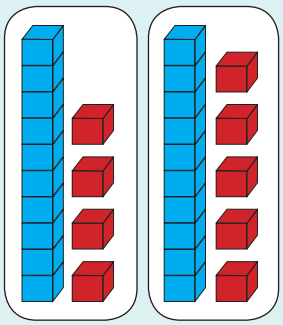
Date:

Addition and subtraction up to 50

1 Quick recall.

$20 + 2 - 1 =$	$36 - 6 + 2 =$	$42 - 2 + 4 =$	$47 + 4 - 1 =$
$30 + 3 + 6 =$	$42 + 9 - 1 =$	$33 - 2 - 1 =$	$49 - 1 + 2 =$
$55 - 5 - 0 =$	$38 - 7 - 1 =$	$45 + 1 + 2 =$	$50 - 5 + 3 =$
$24 - 3 + 2 =$	$32 - 5 - 2 =$	$49 - 10 + 1 =$	$29 + 5 - 4 =$

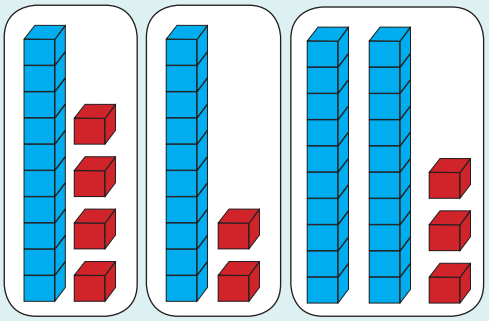
2 Add the following.



= + +

= +

=



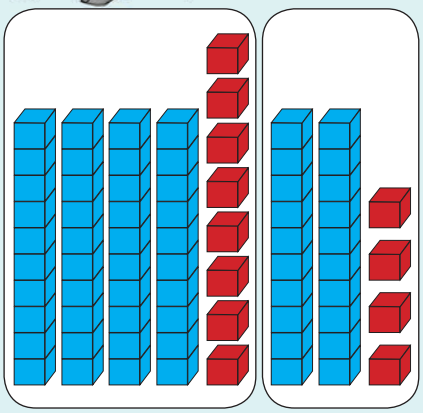
= + + +

= +

=

Now try your own method.

3 Subtract the following.

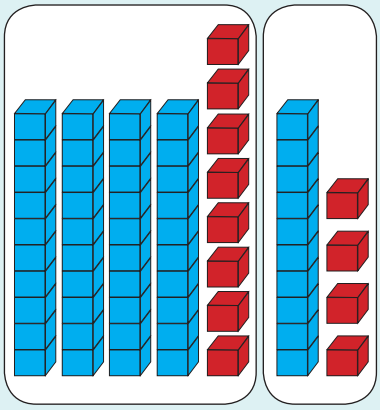


= 40 8 − 20 4

= 40 − 20 + 8 − 4

= 20 + 4

= 24



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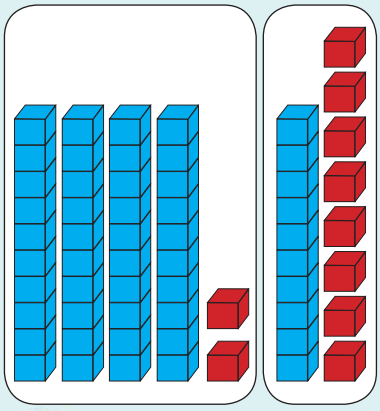

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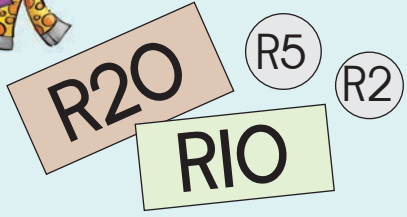
4 I have a R10 note, a R5 coin, a R20 note and a R2 coin in my piggy bank.
How much money did I save?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

39a

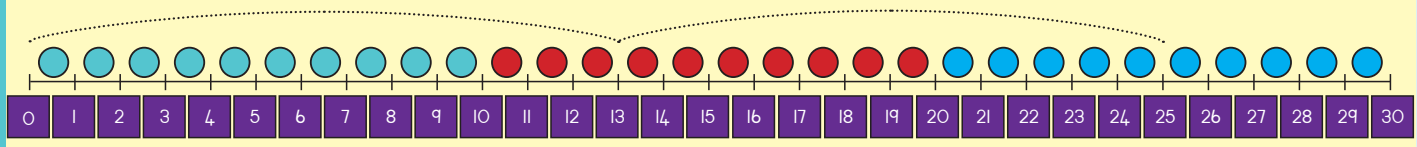
Date:

More addition

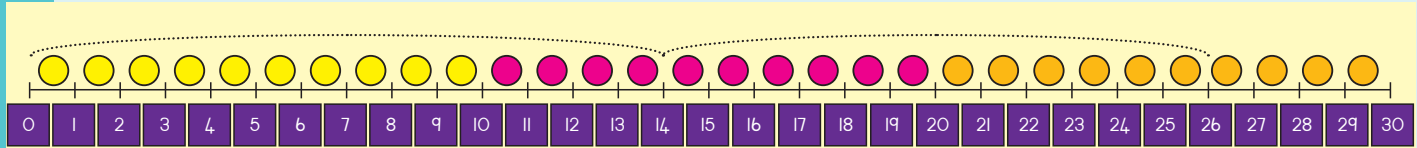
Add the numbers in each block and write the total.

1 10 5	2 10 6	3 20 5	4 20 4
10 ☐	20 ☐	20 ☐	10 ☐

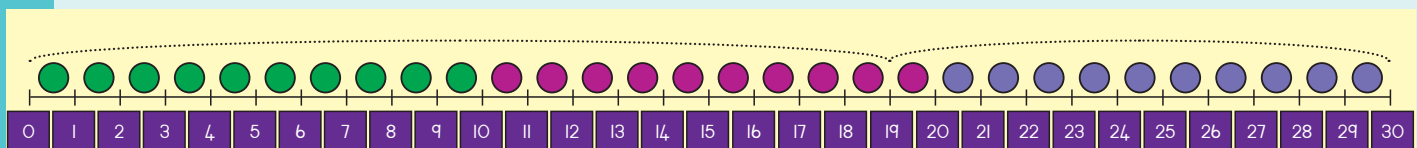
Add.



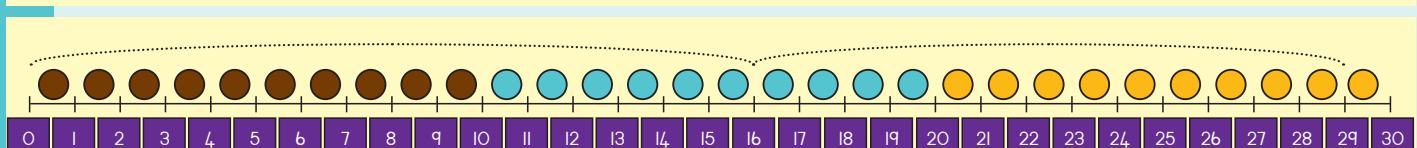
13 + 12 = ☐



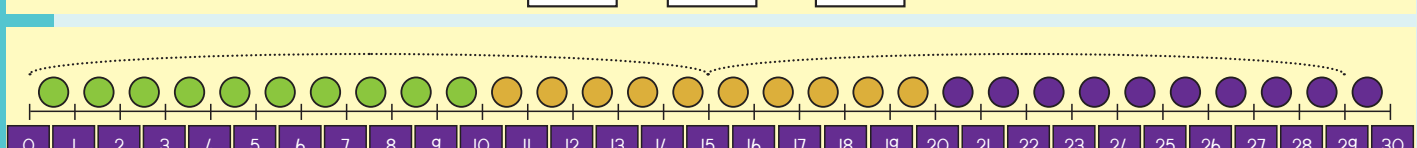
14 + 12 = ☐



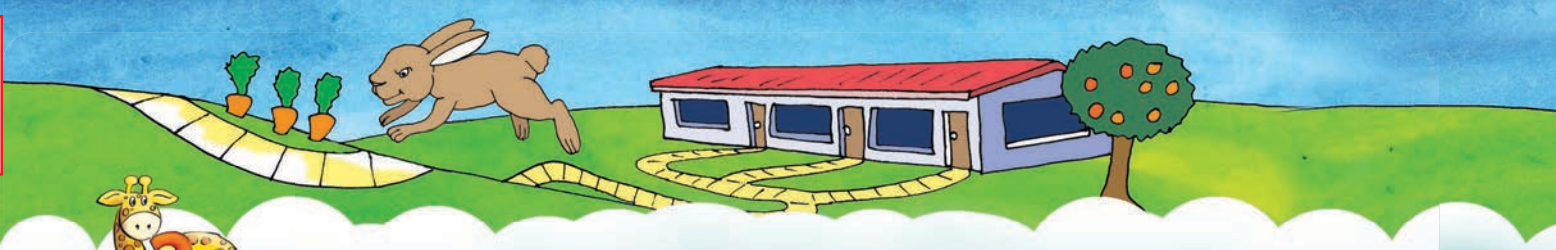
19 + 11 = ☐



16 + 13 = ☐



15 + 14 = ☐



Add.

12 + 11

= 10 2 + 10 1

= 10 + 10 + 2 + 1

= 20 + 3

= 23

13 + 15

=

=

=

=

26 + 12

=

=

=

=

23 + 22

=

=

=

=

24 + 13

=

=

=

35 + 12

=

=

=

Betty bought R36 sweets and Sipho R13.
How much money did they spend on sweets?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

39b

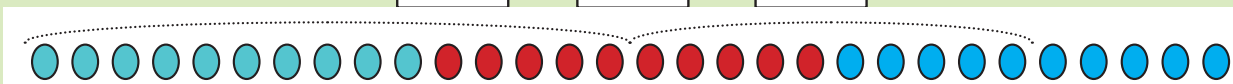
Date:

More addition (continued)

1 Write the total.

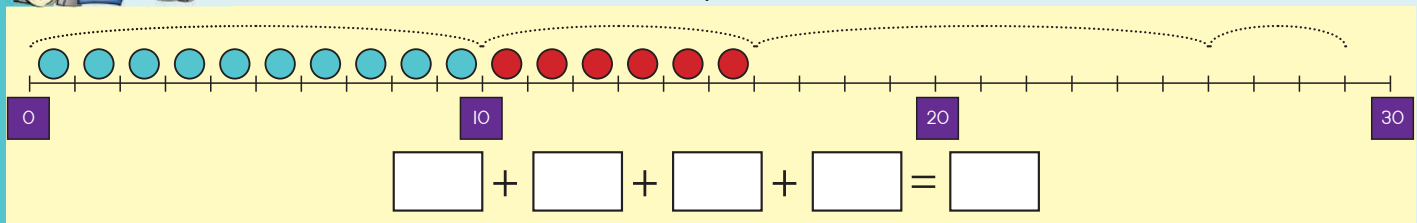
12 + 10 = ☐

15 + 10 = ☐

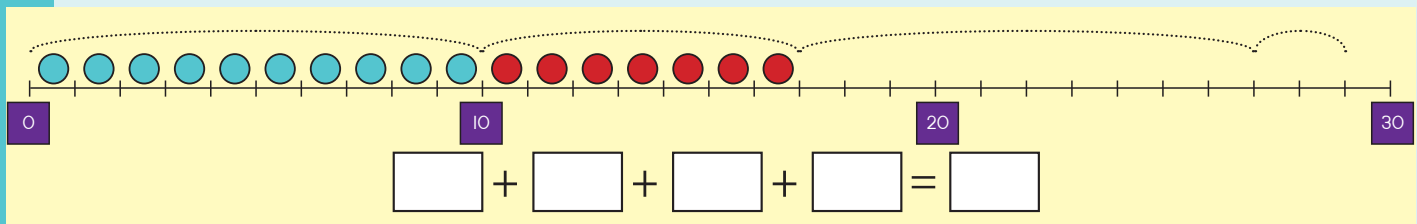


19 + 10 = ☐

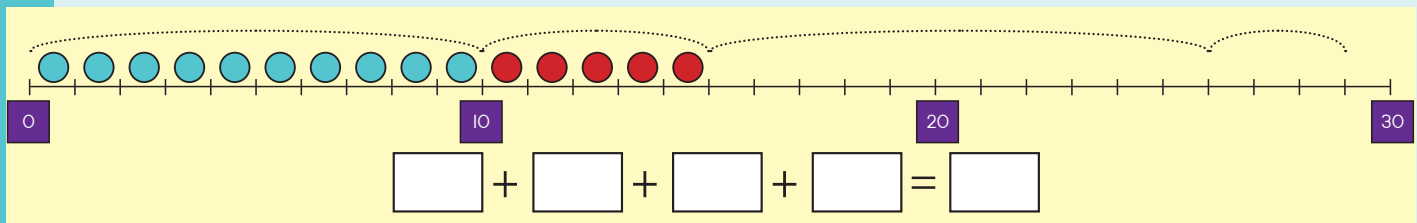
2 Draw the rest of the beads and complete the sums.



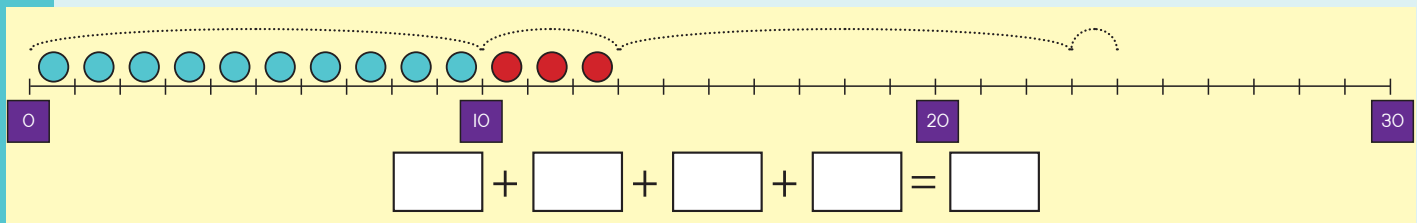
☐ + ☐ + ☐ + ☐ = ☐



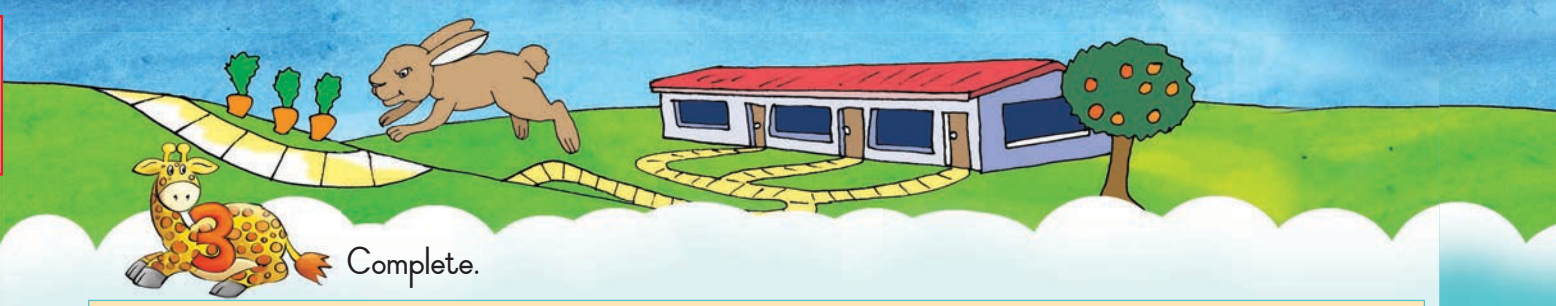
☐ + ☐ + ☐ + ☐ = ☐



☐ + ☐ + ☐ + ☐ = ☐



☐ + ☐ + ☐ + ☐ = ☐



3 Complete.

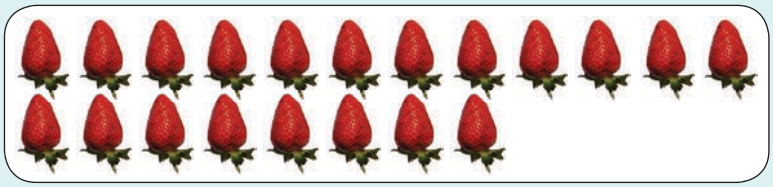
28	+	11	=	2 8	+	10	+	1	=	38	+	1	=	39
34	+	12	=	3 4	+	10	+	2	=		+		=	
23	+	13	=	2 3	+	10	+	3	=		+		=	
35	+	12	=	3 5	+	10	+	2	=		+		=	
26	+	11	=	2 6	+	10	+	1	=		+		=	

4 Add.

11 + 10 =	23 + 10 =	36+ 10 =
28 + 10 =	37 + 10 =	12 + 10 =
34 + 10 =	29 + 10 =	15 + 10 =

5 The sum of 27 and 16 is?
Draw a picture to show your answer.

6 Make your own word sum using the picture.

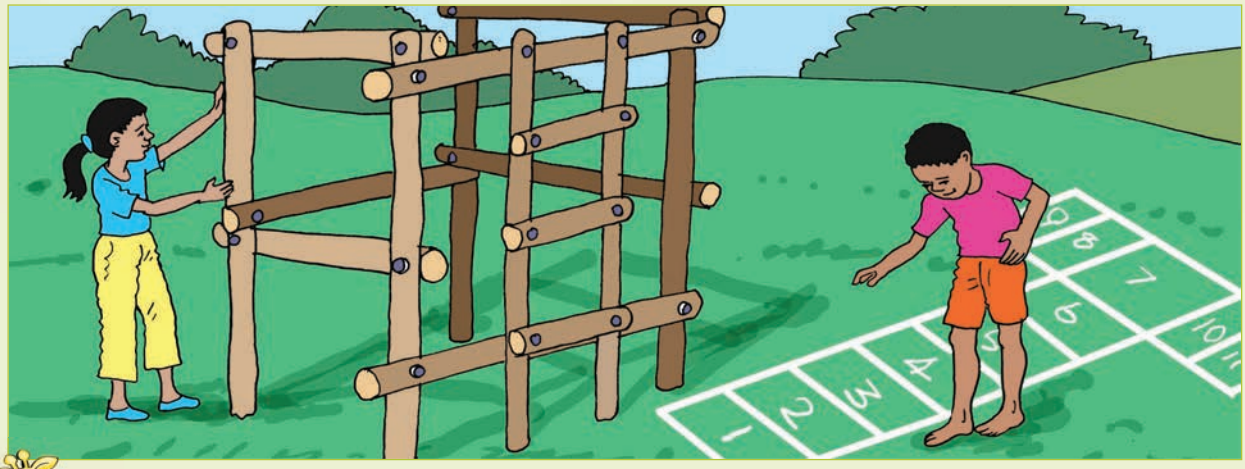


Teacher:
Sign:
Date:

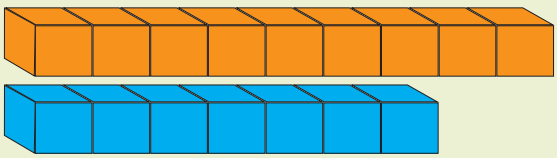
11 12 13 14 15 16 17 18 19 20

Date:

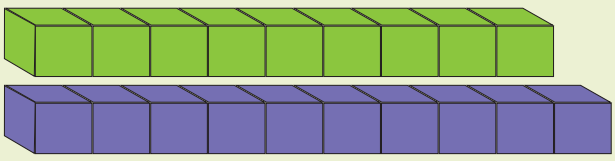
Length



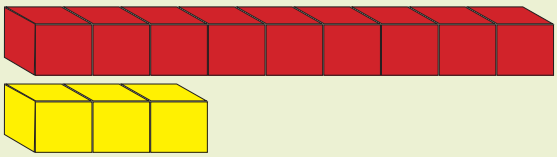
Colour the correct answer to show whether these rows and columns are shorter or longer, shorter or taller, or wider or thinner. Colour your answer in the same colour as the blocks.



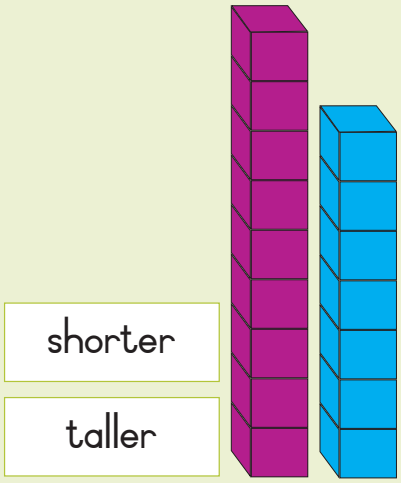
shorter | longer



shorter | longer

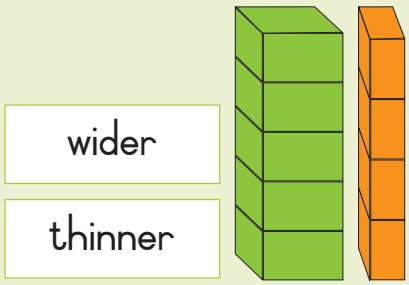


shorter | longer



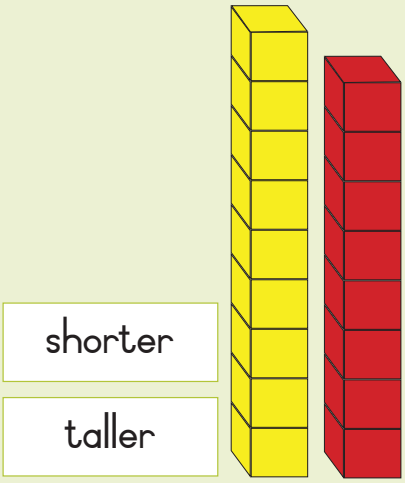
shorter

taller



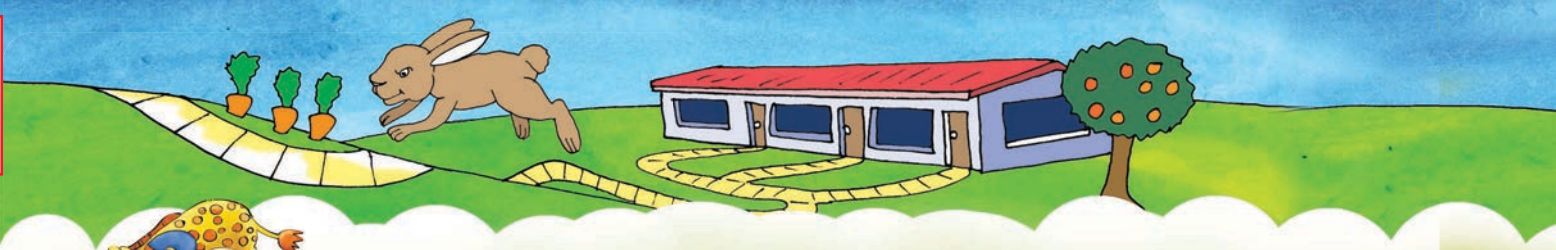
wider

thinner



shorter

taller



Now show which boy is taller. Colour your answer the same colour as the boys' shorts.

shorter | taller

taller | shorter

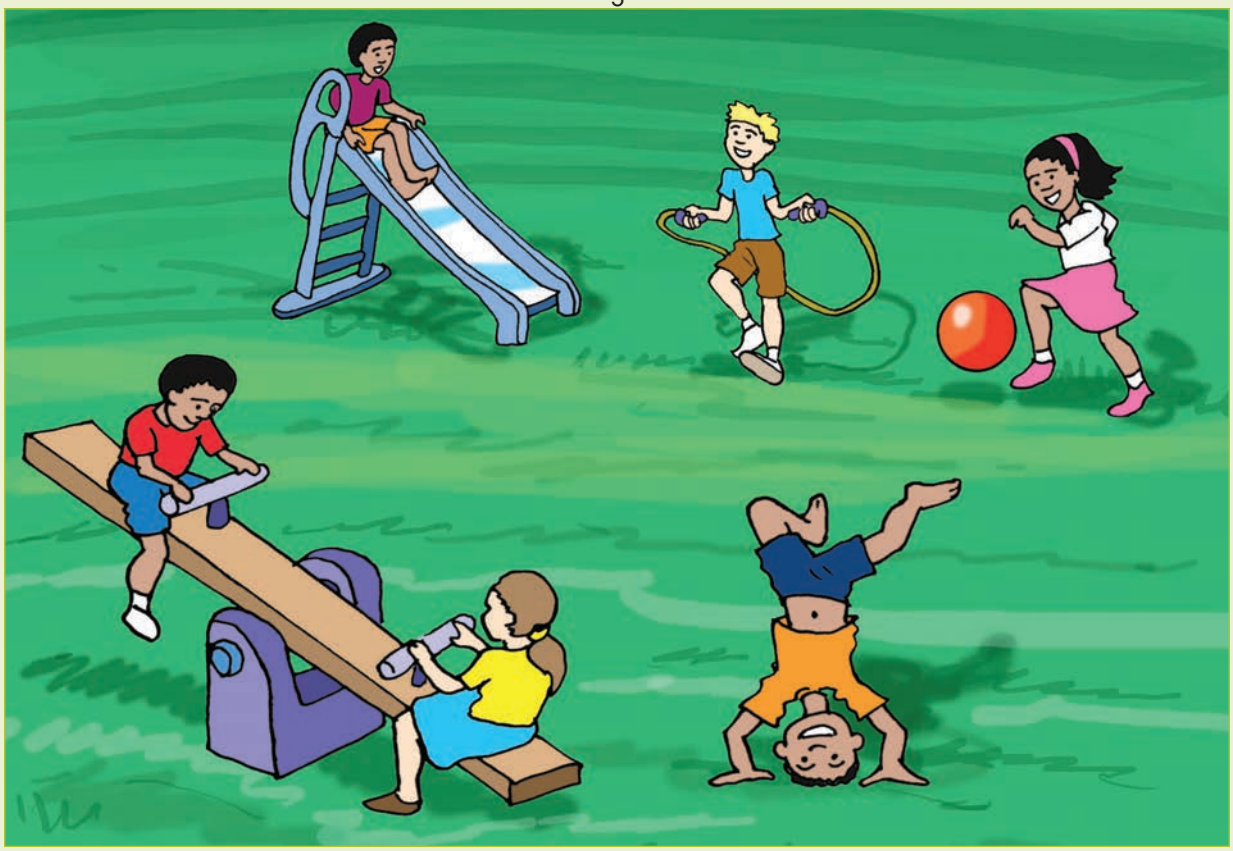
shorter | taller

Measure the length of the playground using the feet and hands from Cut-out 1.

How many hands long is the playground? _____

How many feet long is the playground? _____

length



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

41

Date:

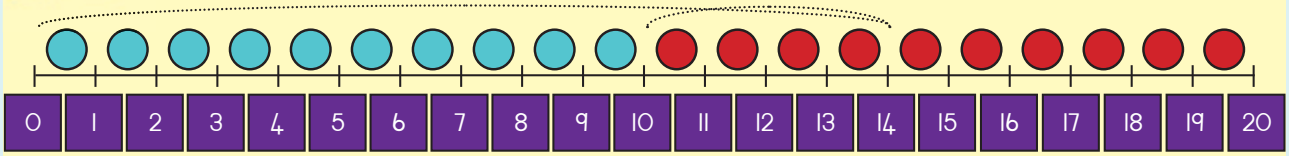
Subtraction

Match the cards to the subtraction sums.

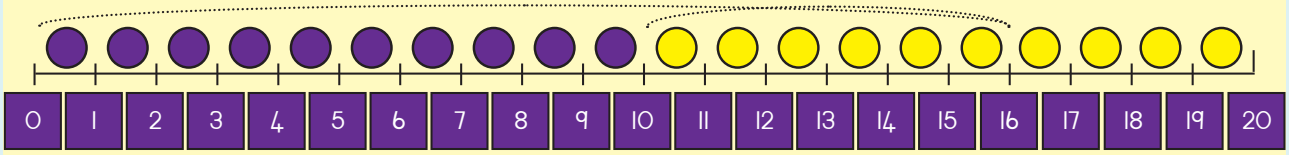
10	10	10	10	10
2 2	8 8	7 7	5 5	3 3

17 − 7 = 10	12 − 2 = 10	15 − 5 = 10	13 − 3 = 10	18 − 8 = 10

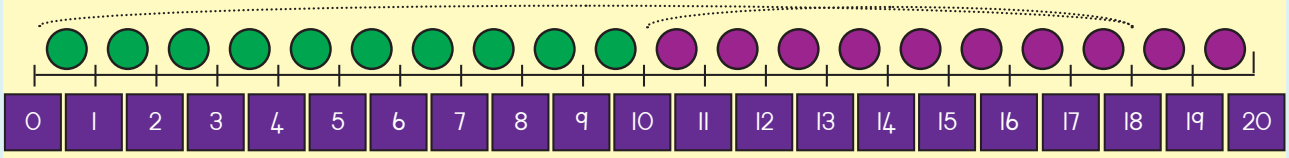
Use the number line. Write a subtraction sum.



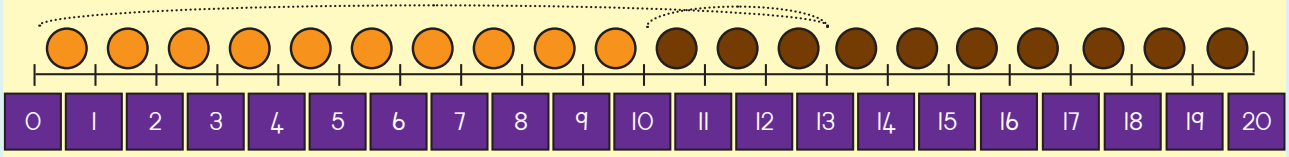
14 − 4 = 10



__ − __ = __



__ − __ = __



__ − __ = __

1 2 3 4 5 6 7 8 9 10

Subtract.

10	3	−	3	=		10	2	−	2	=	
10	5	−	5	=		10	7	−	7	=	
10	1	−	1	=		10	6	−	6	=	
10	4	−	4	=		10	8	−	8	=	
10	9	−	9	=		10	9	−	5	=	

Subtract.

16 − 13

10	10		0		
6	3	−	3	=	
16	13	−	3	=	

14 − 12

10	10				
4	2	−		=	
14	12	−		=	

27 − 11

20	10				
7	1	−		=	
		−		=	

35 − 13

30	10				
5	3	−		=	
		−		=	

26 − 12

20	10				
6	2	−		=	
		−		=	

48 − 11

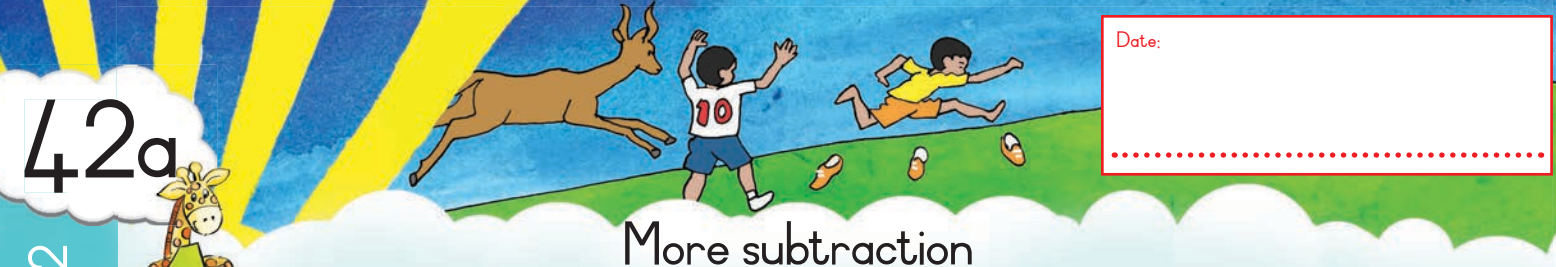
40	10				
8	1	−		=	
		−		=	

Lisa has 17 counters. She lost 8 counters.

How many counters does she have left? ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Date:

42a

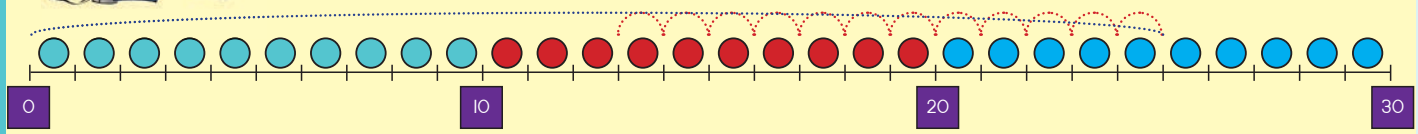
Term 2

More subtraction

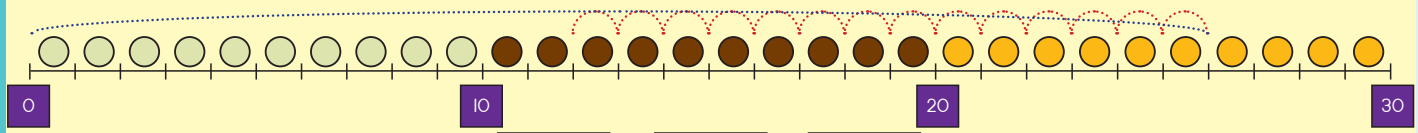
Add each set of cards and then subtract the bottom answers from the top answers.

10 + 7 = 17	20 + 2 =	30 + 8 =	40 + 9 =
10 + 5 = 15	10 + 1 =	10 + 5 =	10 + 4 =
2			

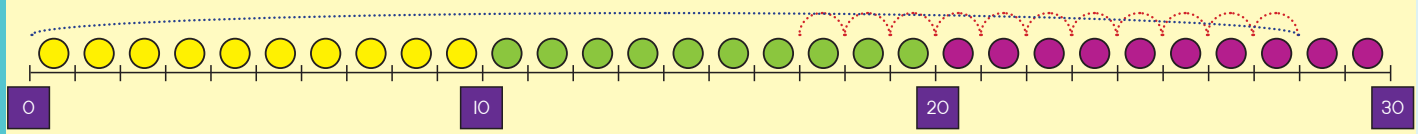
Use the number line. Write a subtraction sum.



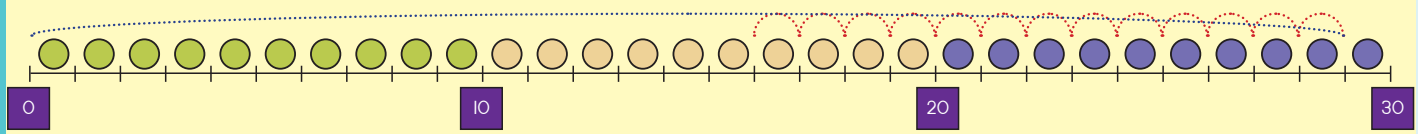
25 − 12 = ☐



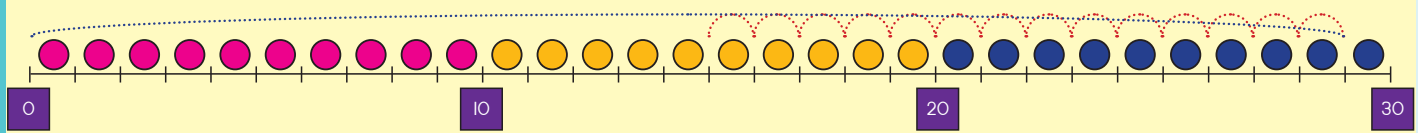
☐ − ☐ = ☐



☐ − ☐ = ☐

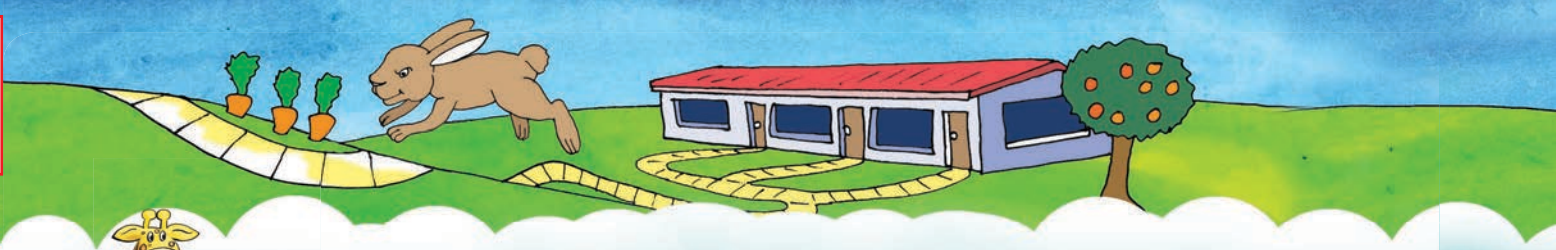


☐ − ☐ = ☐



☐ − ☐ = ☐

1 2 3 4 5 6 7 8 9 10



Subtract.

45 – 23

= 40 5 – 20 3

= 40 – 20 + 5 – 3

= 20 + 2

= 22

38 – 16

= □□ – □□

= □ – □ + □ – □

= □ + □

= □

29 – 14

= □□ – □□

= □ – □ + □ – □

= □ + □

= □

48 – 11

= □□ – □□

= □ – □ + □ – □

= □ + □

= □

35 – 23

= □□ – □□

= □ – □ + □ – □

= □ + □

= □

38 – 15

= □□ – □□

= □ – □ + □ – □

= □ + □

= □

Teacher:

Sign:

Date:

42b

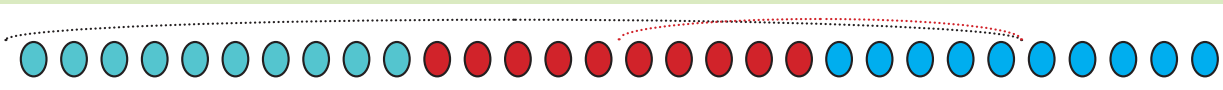
Date:

Even more subtraction

Do the subtraction and put your answer in the blank box.

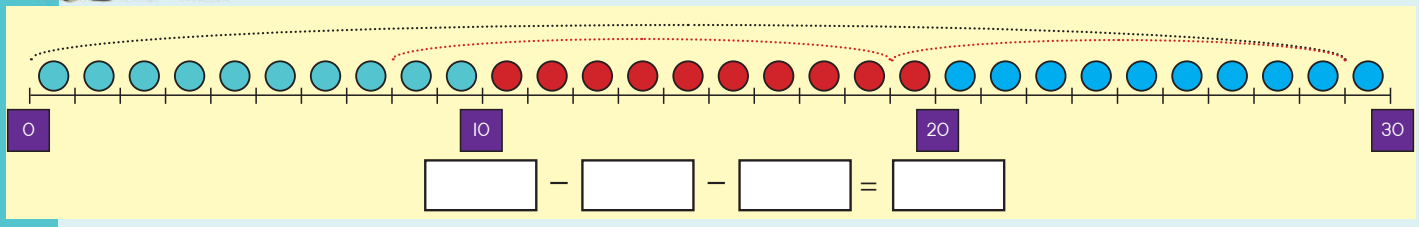
22 − 10 = ☐

25 − 10 = ☐

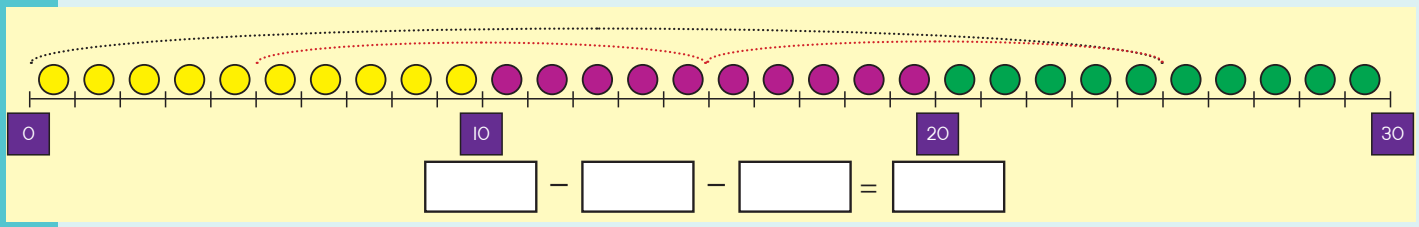


29 − 10 = ☐

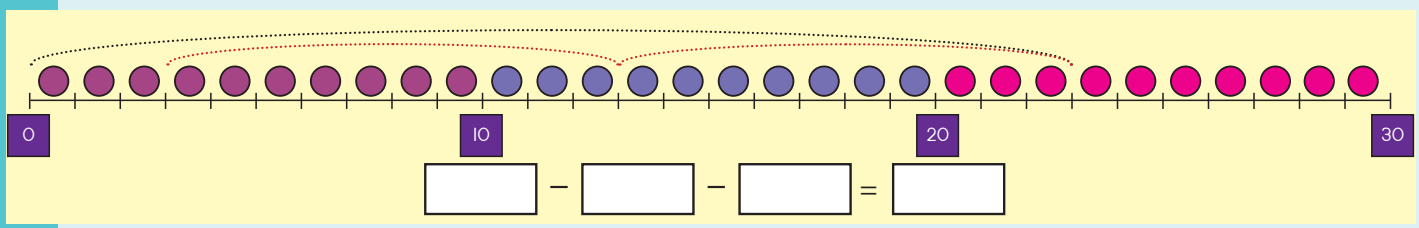
Complete the subtraction sums.



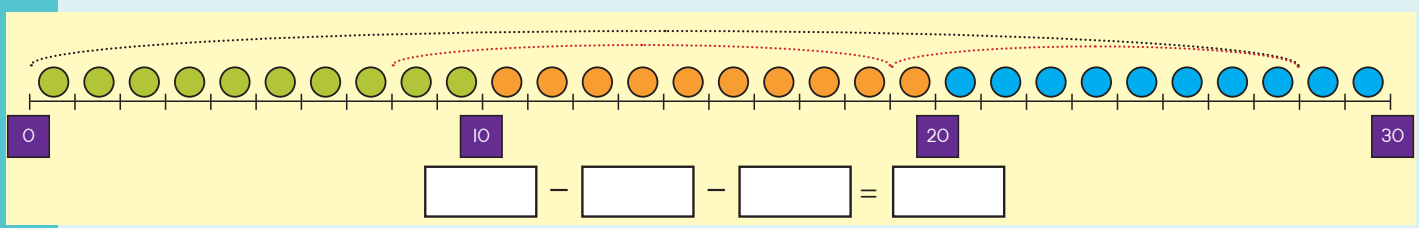
☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐



☐ − ☐ − ☐ = ☐

Complete.

46	− 13 =		49	− 23 =	
38	− 14 =		27	− 16 =	
25	− 11 =		46	− 32 =	

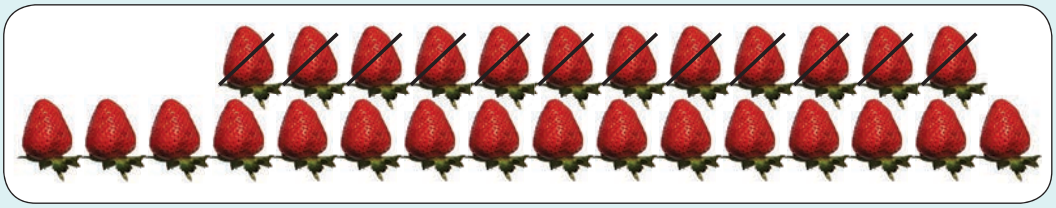
Minus.

21 − 10 =	43 − 10 =	16 − 10 =
28 − 10 =	27 − 10 =	22 − 10 =
34 − 10 =	37 − 10 =	45 − 10 =

The difference between 35 and 20 is? Draw a picture to show your answer.

3 5 − 2 0 = _____

Make your own word sum using the picture.



Teacher:
Sign:
Date:

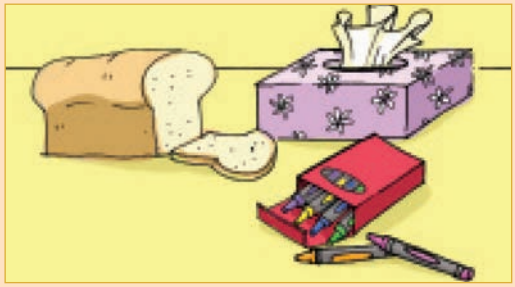
43

Date:

Heavy and light

1 Look at each picture and answer the question.

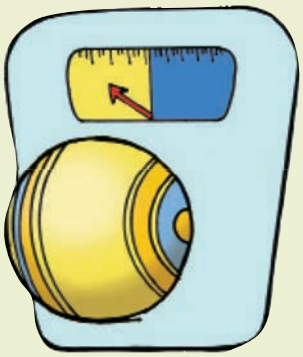
What is lightest and what is heaviest?



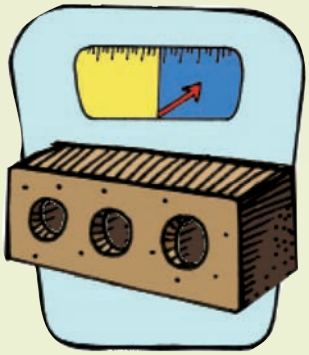
2 Paste or draw pictures of:

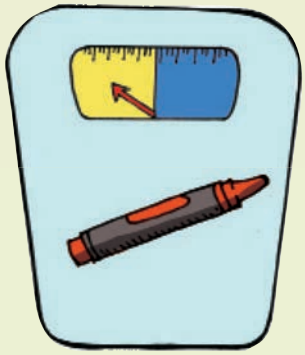
Heavy objects	Light objects

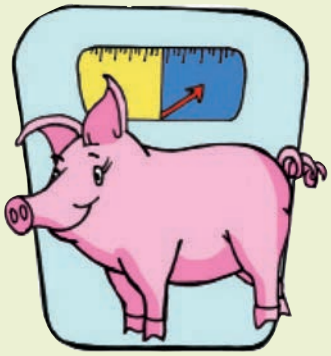
When the red arrow points to the yellow side the object is light and when it points to the blue the object is heavy. Write light or heavy.

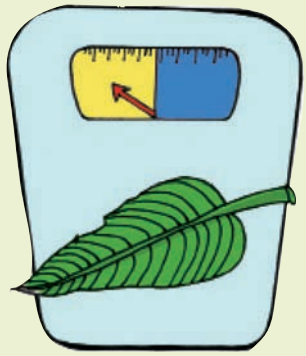


light

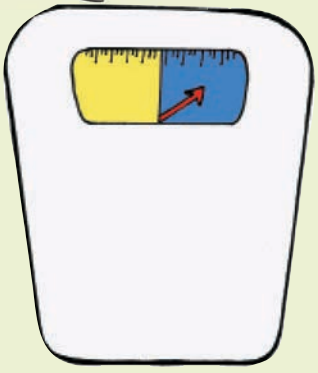


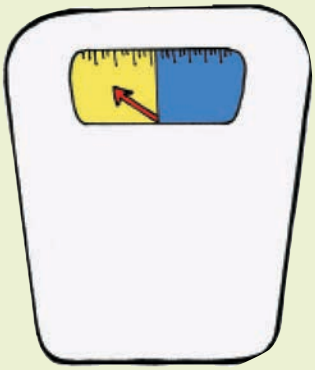


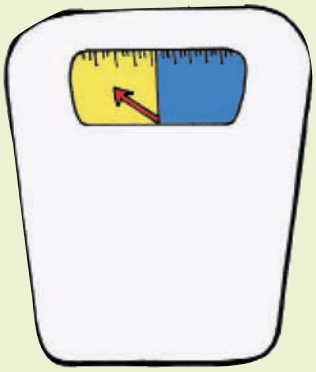


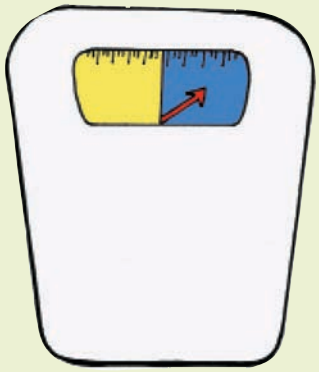


Draw or paste objects according to what the scale shows.









Teacher:
Sign:
Date:

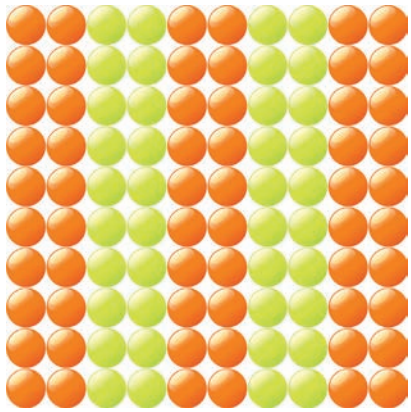
11 12 13 14 15 16 17 18 19 20

44

Date: .....

Number patterns: twos

1 Let us count in twos.

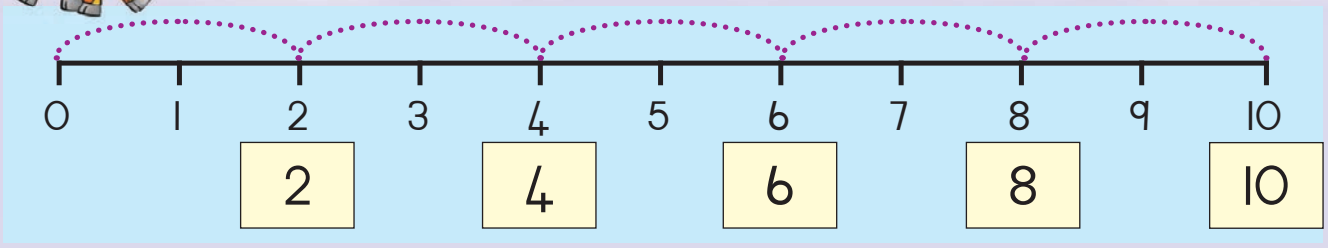


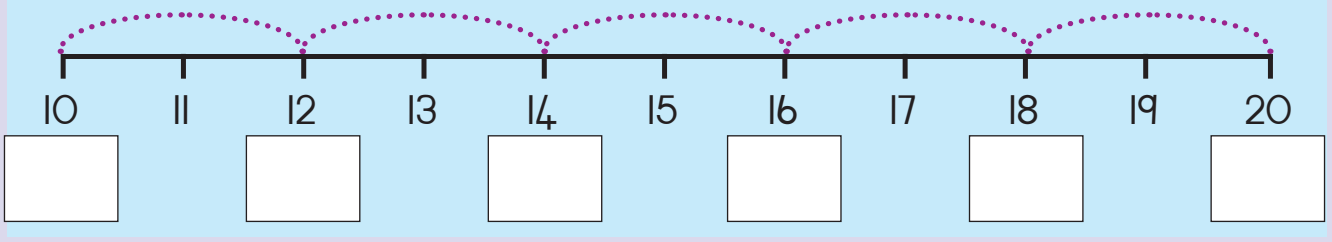
2 Draw or paste pictures of things that come in twos.

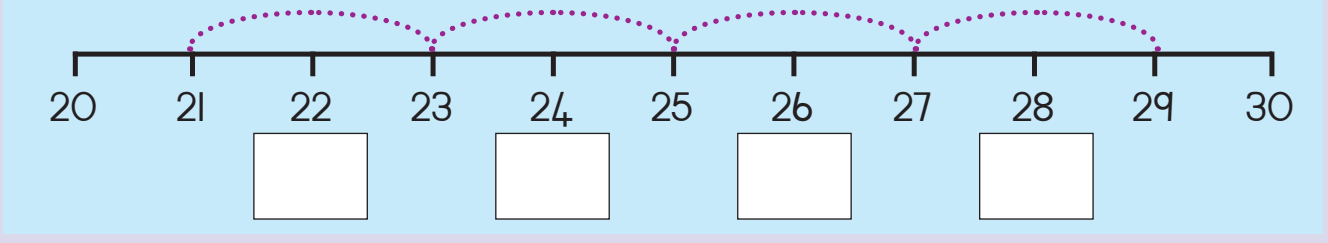
3 We started the pattern. Complete it.

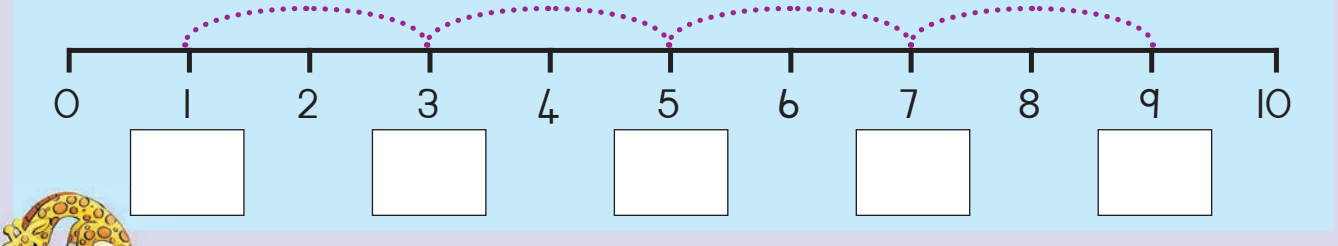
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use the number lines to write a pattern.









Complete the following.

2, 4, 6, __ , __ , __	13, 15, 17, __ , __ , __	26, 24, 22, __ , __ , __
62, 64, 66, __ , __ , __	55, 57, 59, __ , __ , __	11, 9, 7, __ , __ , __
44, 46, 48, __ , __ , __	10, 8, 6, __ , __ , __	29, 27, 25, __ , __ , __
1, 3, 5, __ , __ , __	98, 96, 94, __ , __ , __	95, 93, 91, __ , __ , __

2 4 6 8 10 12 14 16 18 20

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Date:

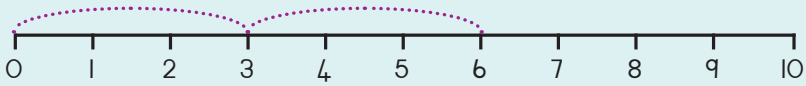
Double

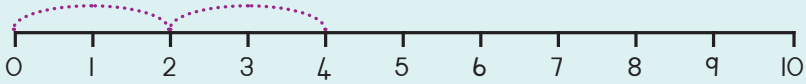
1 Look at the first and second picture. What happened?

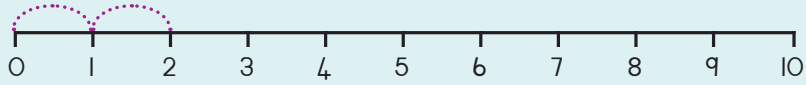
2 Add the dots and write a sum for each.

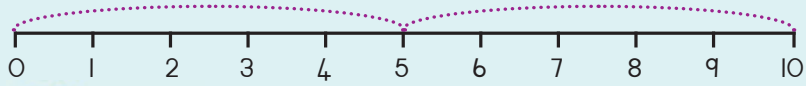
			+		=			
			+		=			
			+		=			
			+		=			
			+		=			

3 Use the number lines to write a sum.









4 Double the following numbers.

Double 1	1	+	1	=	2	2	×	1	=	2
Double 2		+		=		2	×		=	
Double 3		+		=		2	×		=	
Double 4		+		=		2	×		=	
Double 5		+		=		2	×		=	

5 I have R5. My friend has double that. How much money does she have?

Teacher:
Sign:
Date:

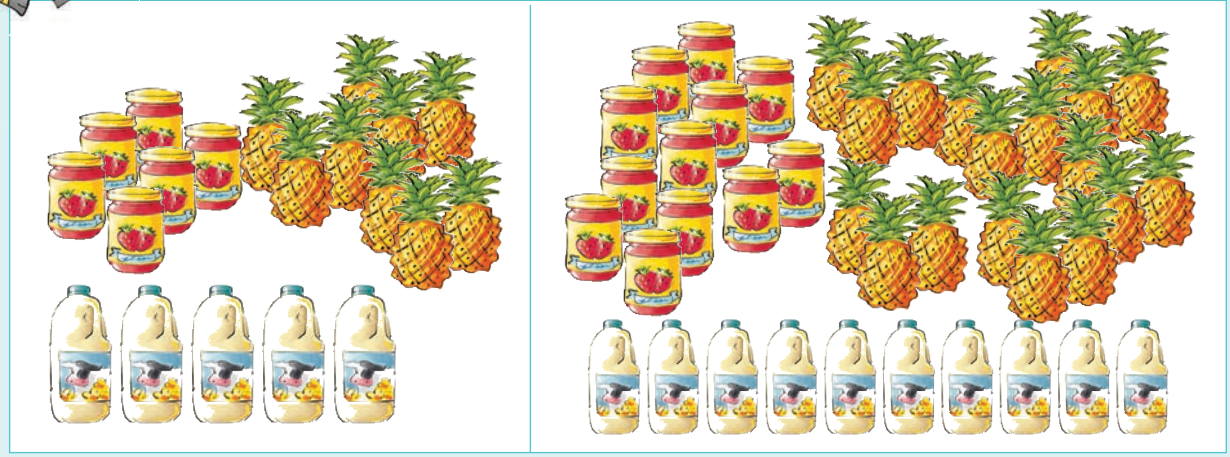
11 12 13 14 15 16 17 18 19 20

46

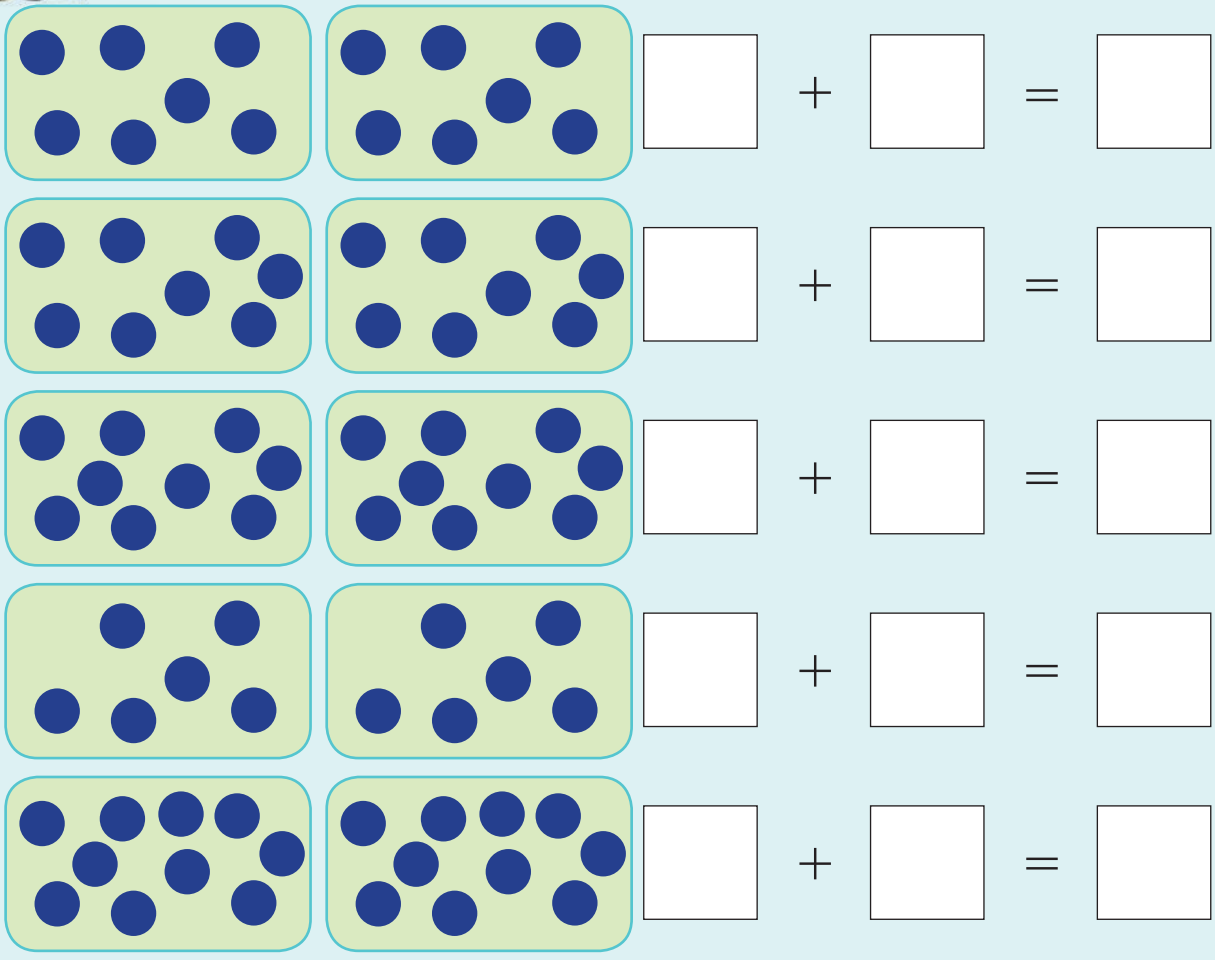
Date:

Double again

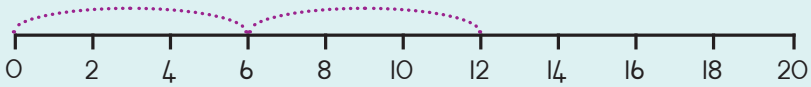
1 Look at the first and second picture. What happened?



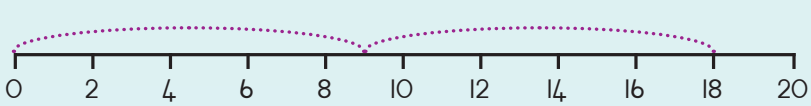
2 Add the dots and write a sum for each.



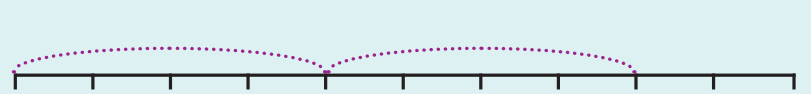
3 Use the number lines to write a sum.



□ + □ = □

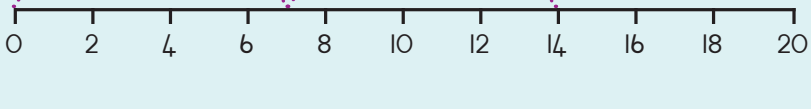


□ + □ = □



□ + □ = □

□ + □ = □



□ + □ = □

4 Double the following numbers.

Double 6	□ + □ = □	2 × 6 = 12
Double 7	□ + □ = □	2 × □ = □
Double 8	□ + □ = □	2 × □ = □
Double 9	□ + □ = □	2 × □ = □
Double 10	□ + □ = □	2 × □ = □

5 My friend has 9 marbles. I have double that. How many marbles do I have?

Teacher:
Sign:
Date:

Date: .....

Double up

Double 8

1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Double 9

1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Circle the beads to double the numbers. We started the first one for you.

Double 5

5 + 5 = ☐

Double 6

☐ + ☐ = ☐

Double 7

☐ + ☐ = ☐

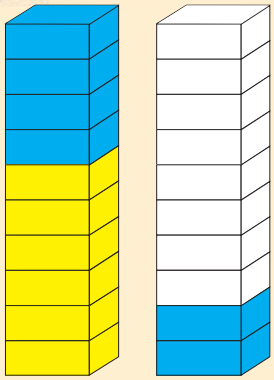
Double 8

☐ + ☐ = ☐

Double 9

☐ + ☐ = ☐

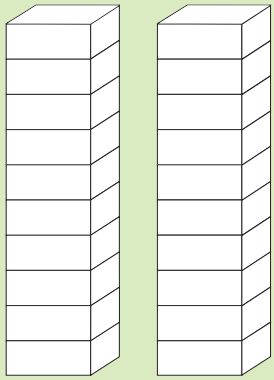
Double the numbers. Colour the blocks to show your answer.



Double 6

6 + 6 = ☐

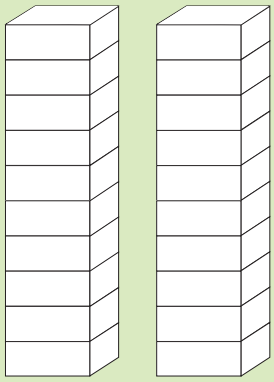
2 × 6 = ☐



Double 8

☐ + ☐ = ☐

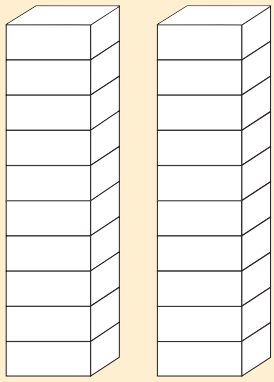
2 × ☐ = ☐



Double 7

☐ + ☐ = ☐

2 × ☐ = ☐



Double 9

☐ + ☐ = ☐

2 × ☐ = ☐

Double the following.

Double 7	☐ + ☐ = ☐	2 × ☐ = ☐
Double 9	☐ + ☐ = ☐	2 × ☐ = ☐
Double 6	☐ + ☐ = ☐	2 × ☐ = ☐
Double 8	☐ + ☐ = ☐	2 × ☐ = ☐
Double 10	☐ + ☐ = ☐	2 × ☐ = ☐

I scored 8 points. My friend scored double that. How many points does my friend have?

Teacher:

Sign:

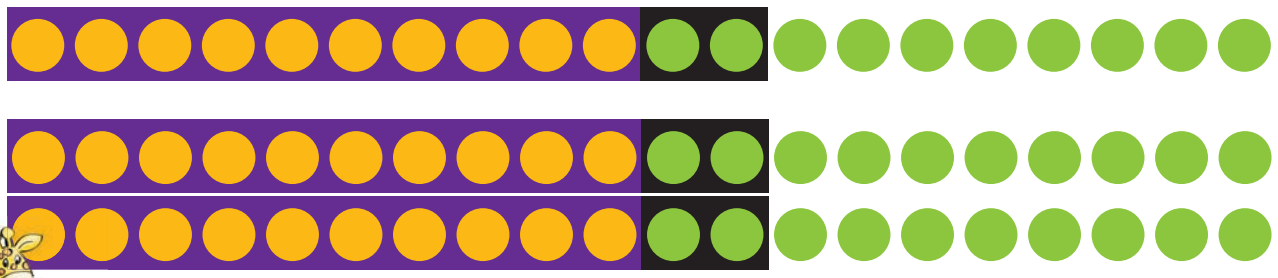
Date:

11 12 13 14 15 16 17 18 19 20

Date:

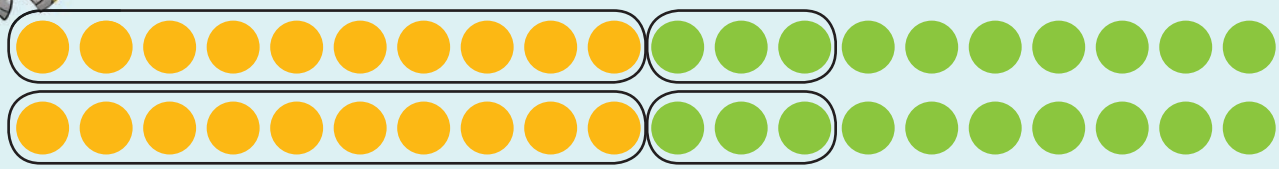
More doubling

Double 12

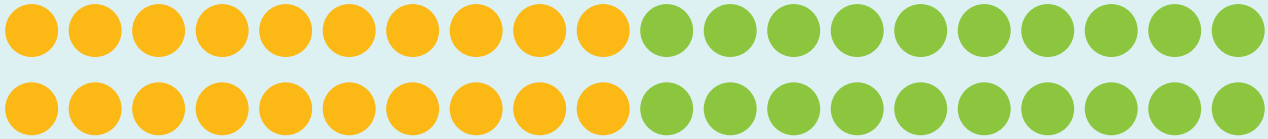


Circle the beads to double the numbers. We started the first one for you.

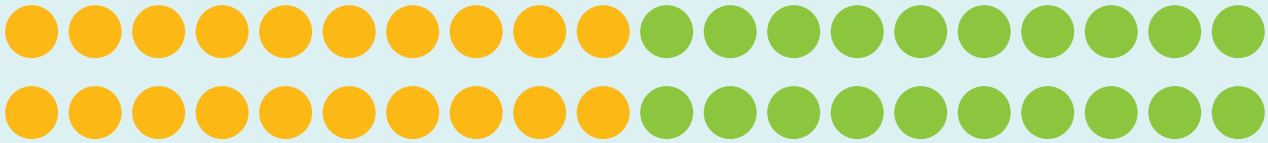
Double 13



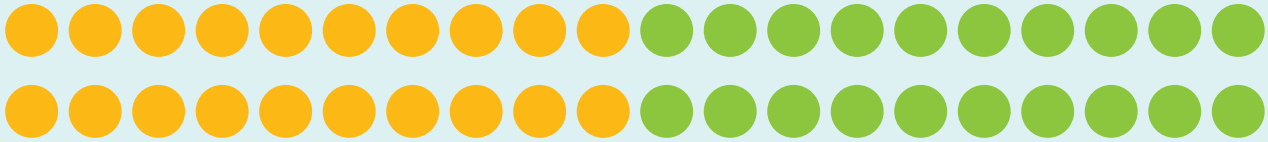
Double 15 ☐ + ☐ = ☐



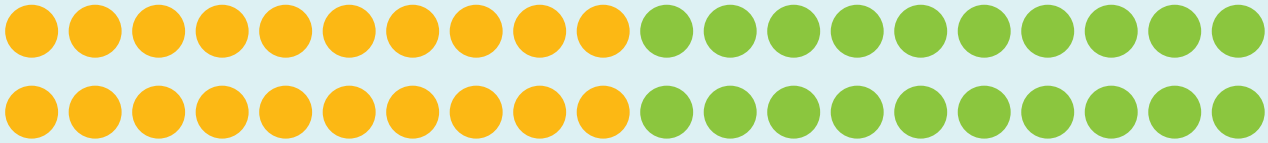
Double 14 ☐ + ☐ = ☐



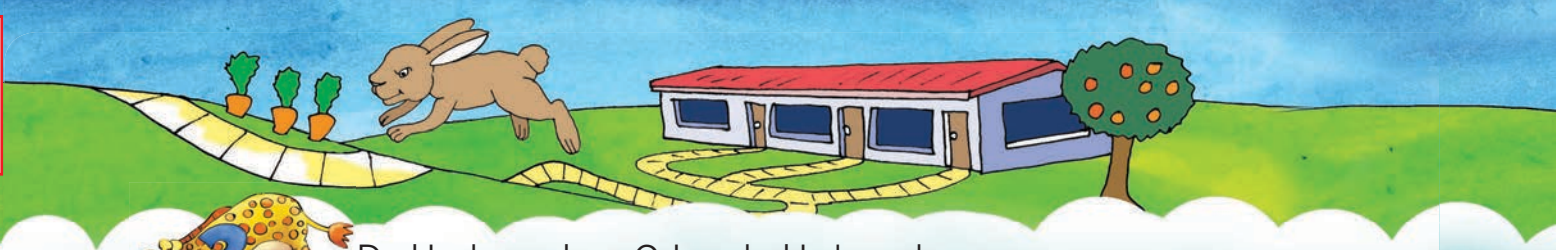
Double 11 ☐ + ☐ = ☐



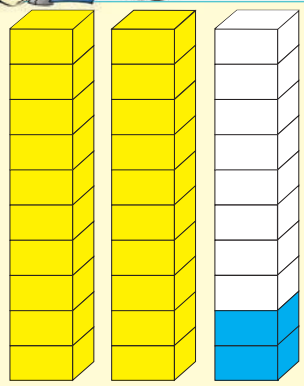
Double 16 ☐ + ☐ = ☐



☐ + ☐ = ☐



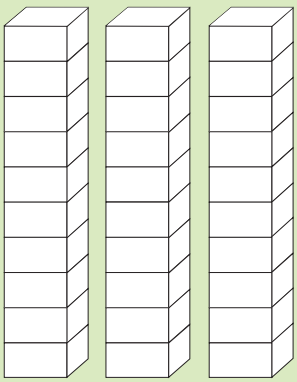
2 Double the numbers. Colour the blocks to show your answer.



Double 11

11 + 11 = ☐

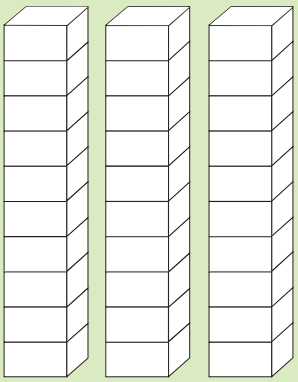
2 × 11 = ☐



Double 13

☐ + ☐ = ☐

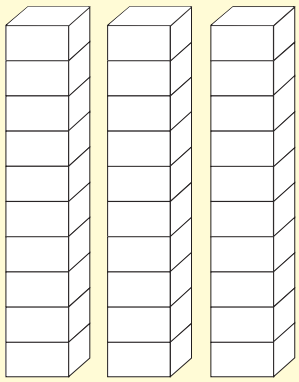
2 × ☐ = ☐



Double 14

☐ + ☐ = ☐

2 × ☐ = ☐



Double 15

☐ + ☐ = ☐

2 × ☐ = ☐

3 Double the following.

Double 11	☐ + ☐ = ☐	2 × ☐ = ☐
Double 13	☐ + ☐ = ☐	2 × ☐ = ☐
Double 16	☐ + ☐ = ☐	2 × ☐ = ☐
Double 17	☐ + ☐ = ☐	2 × ☐ = ☐
Double 18	☐ + ☐ = ☐	2 × ☐ = ☐

I got 14 words correct in a spelling game. The winner got double that number. How many did the winner get?

☐

Teacher:

Sign:

Date:

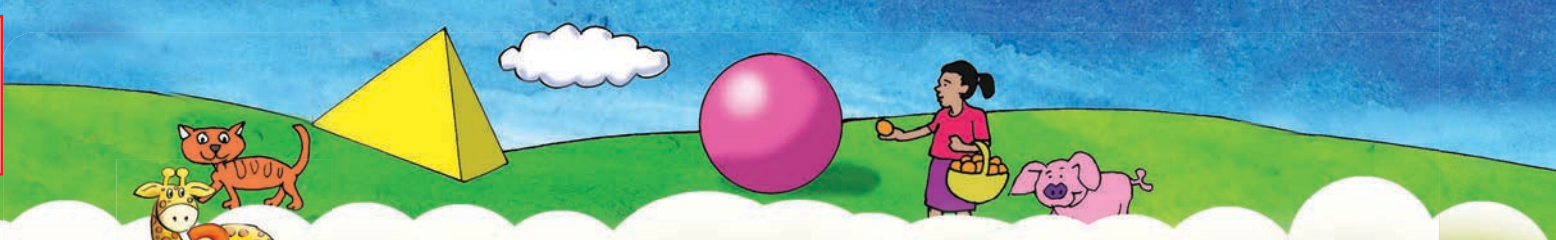
11 12 13 14 15 16 17 18 19 20

Date:

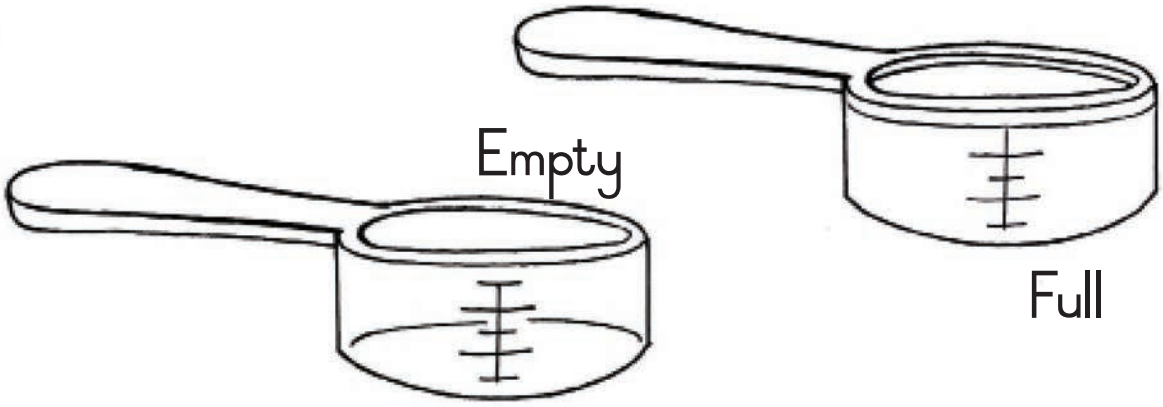
Containers and capacity

1 Talk about the containers on the desks.

2 Say if the containers are full or empty.



Colour in to show that these containers are _____.



Draw your own containers and colour their contents to show:

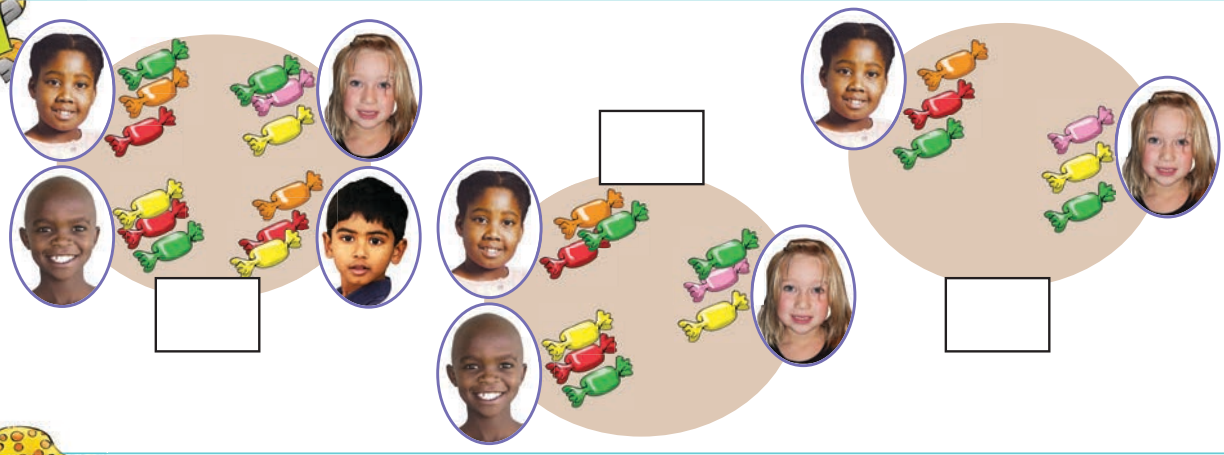
Empty	Full
Empty	Full

Teacher:
Sign:
Date:

Date:

Multiplication: × 3

How many sweets are on each table?

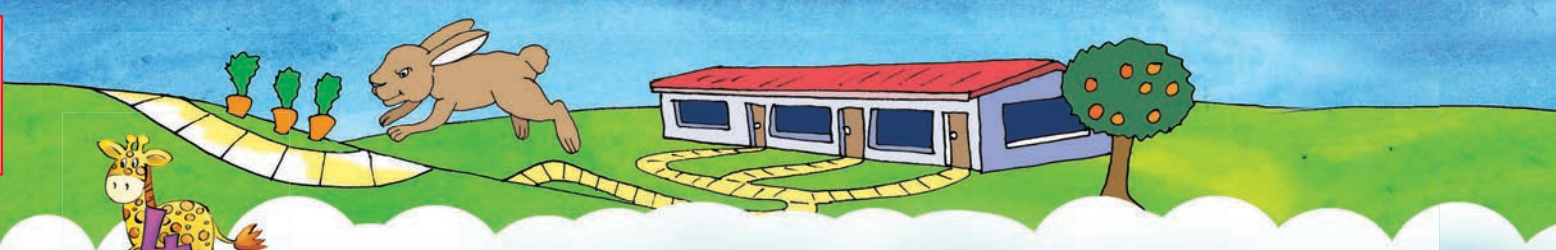


Complete the following:

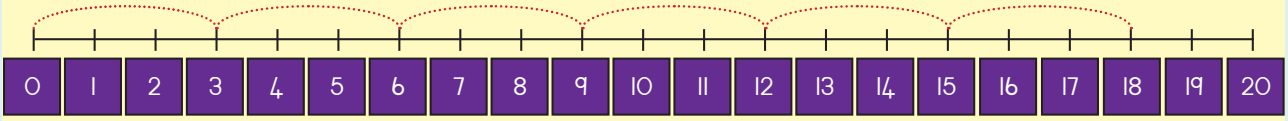
2 groups of 3	3 + 3 =	2 × 3 =
5 groups of 3	3 + 3 + 3 + 3 + 3 =	5 × 3 =
4 groups of 3	3 + 3 + 3 + 3 =	4 × 3 =
6 groups of 3	3 + 3 + 3 + 3 + 3 + 3 =	6 × 3 =
7 groups of 3	3 + 3 + 3 + 3 + 3 + 3 + 3 =	7 × 3 =

Make a drawing of the following.

3 groups of 3	4 groups of 3	5 groups of 3



Make a drawing of the following.



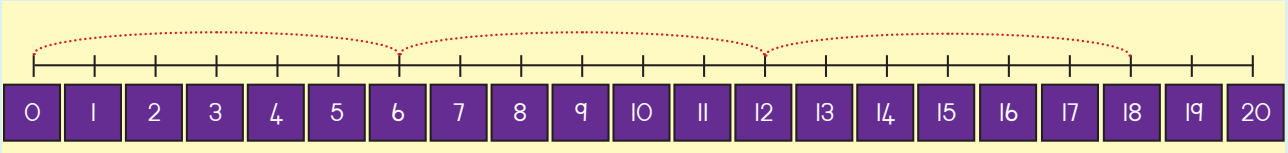
3, 6, 9, 12, ___ , ___

3 + 3 + 3 + 3 + 3 + 3 = ☐

6 groups of ☐ = ☐

6 × 3 = ☐

Drawing



6, ___ , ___

6 + ☐ + ☐ = ☐

3 groups of ☐ = ☐

3 × ☐ = ☐

Drawing

The cooking pot has three legs.
How many legs do 7 cooking pots have? ☐

3 6 9 12 15 18

21 24 27 30 33

Teacher:
Sign:
Date:

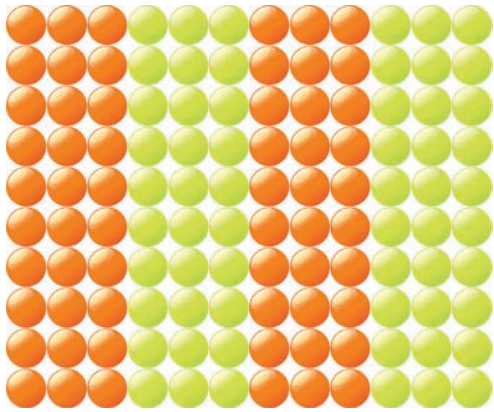
11 12 13 14 15 16 17 18 19 20

51

Date:

Number patterns: threes

Let us count in threes.

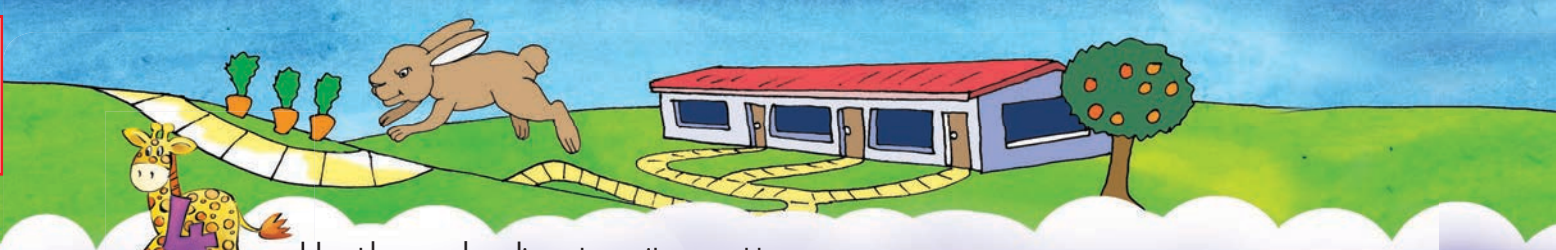


Draw or paste pictures of things that come in threes.

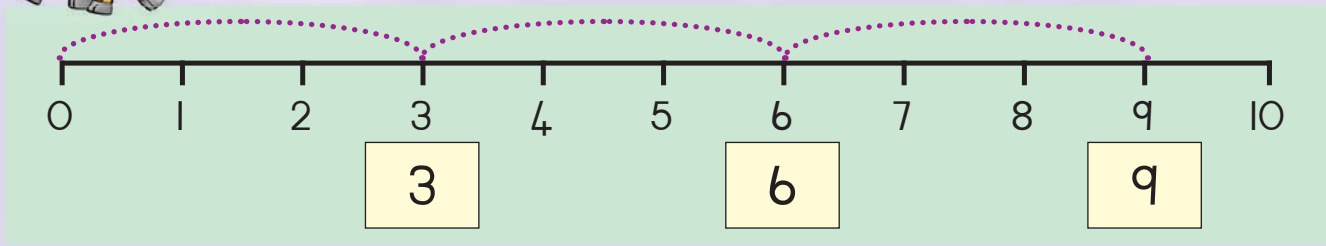
We started the pattern. Complete it.

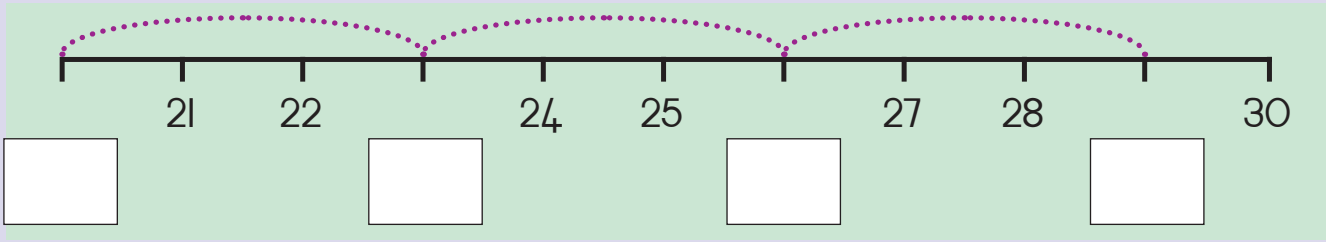
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

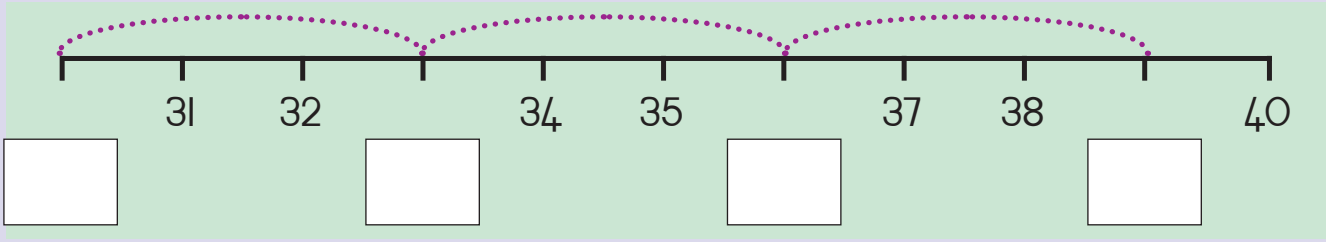
1 2 3 4 5 6 7 8 9 10

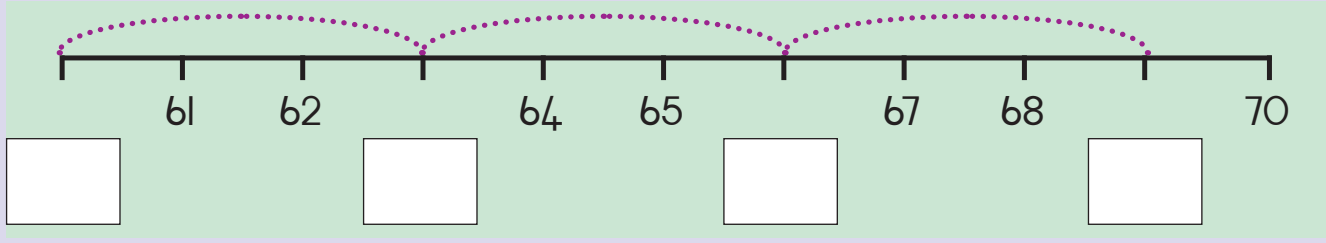


Use the number lines to write a pattern.









Complete the following.

3, 6, 9, __ , __ , __	1, 4, 7, __ , __ , __	99, 96, 93, __ , __ , __
36, 39, 42, __ , __ , __	22, 25, 28, __ , __ , __	66, 63, 60, __ , __ , __
12, 15, 18, __ , __ , __	15, 12, 9, __ , __ , __	40, 37, 34, __ , __ , __

There are 10 tricycles at the preschool. How many tricycle wheels will there be?

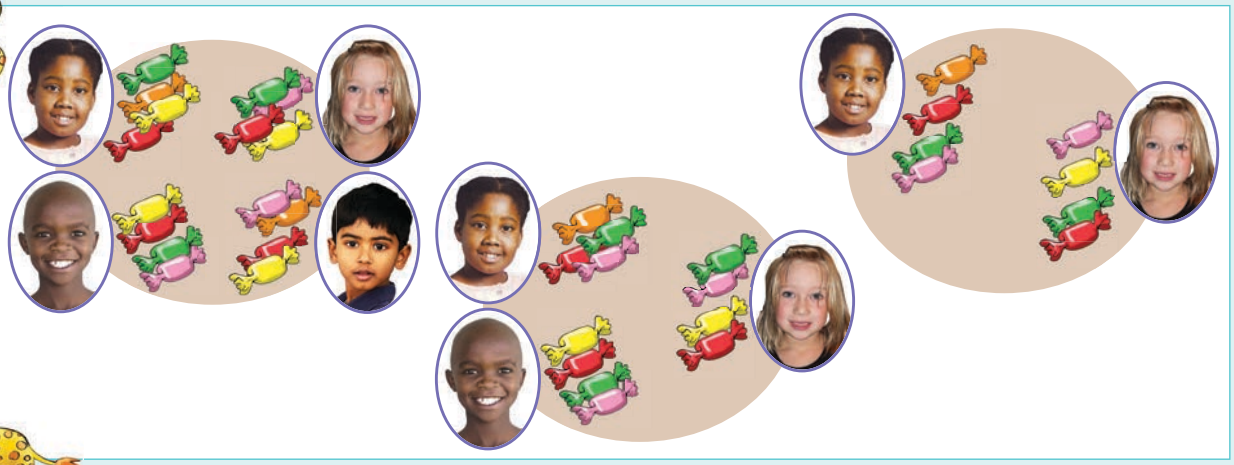
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Date: .....

Multiplication: × 4

1 How many sweets are on each table?

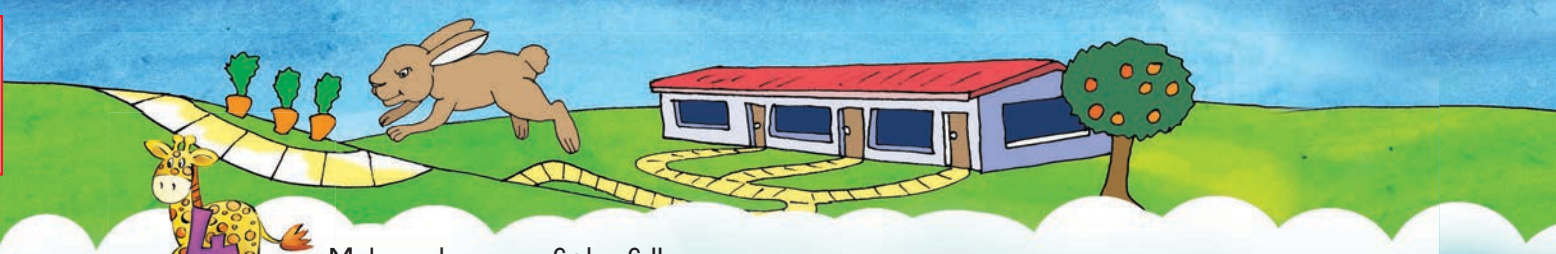


2 Complete the following.

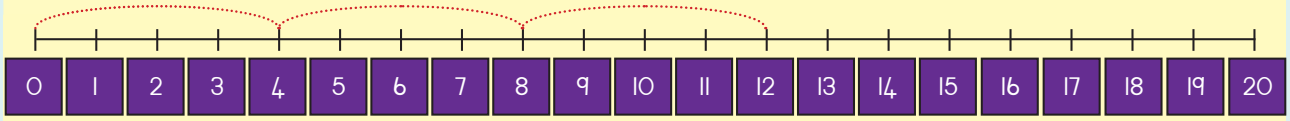
3 groups of 4	4 + 4 + 4 =	3 × 4 = ☐
2 groups of 4	4 + 4 =	2 × 4 = ☐
4 groups of 4	4 + 4 + 4 + 4 =	4 × 4 = ☐
6 groups of 4	4 + 4 + 4 + 4 + 4 + 4 =	6 × 4 = ☐
7 groups of 4	4 + 4 + 4 + 4 + 4 + 4 + 4 =	7 × 4 = ☐

3 Make a drawing of the following.

3 groups of 4	4 groups of 4	5 groups of 4



Make a drawing of the following.



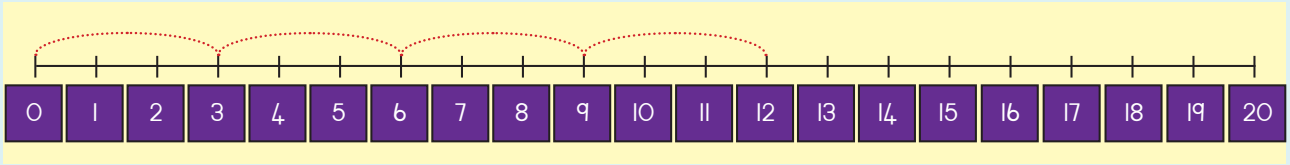
4, 8, ___

4 + 4 + 4 = ☐

3 groups of 4 = ☐

3 × 4 = ☐

Drawing



3, 6, 9, ___

3 + 3 + 3 + 3 = ☐

4 groups of ☐ = ☐

4 × ☐ = ☐

Drawing

A horse has 4 legs. How many legs do 3 horses have? ☐

4 8 12 16 20 24

28 32 36 40

Teacher:

Sign:

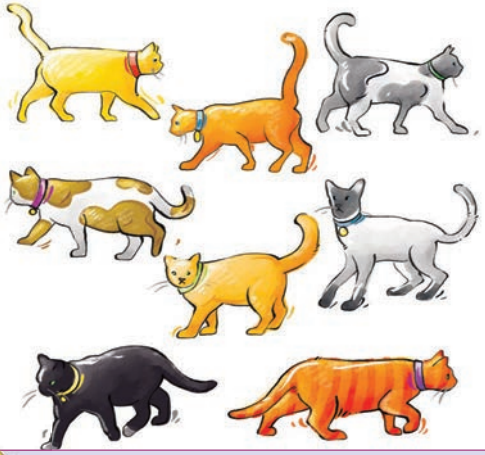
Date:

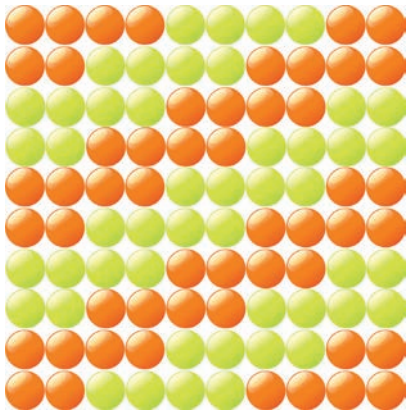
11 12 13 14 15 16 17 18 19 20

Date:

Number patterns: fours

Let us count in fours.



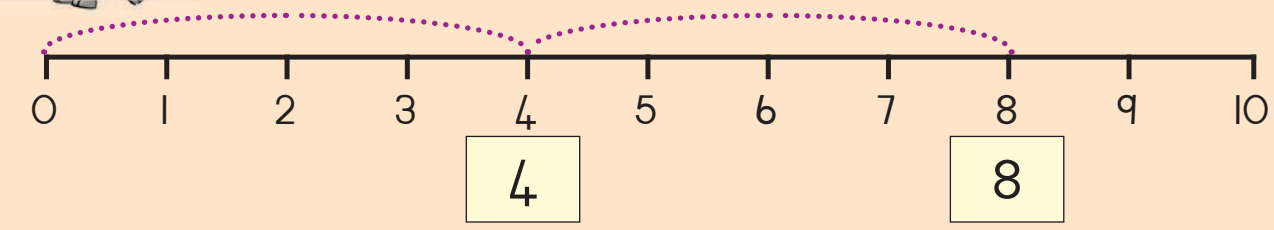


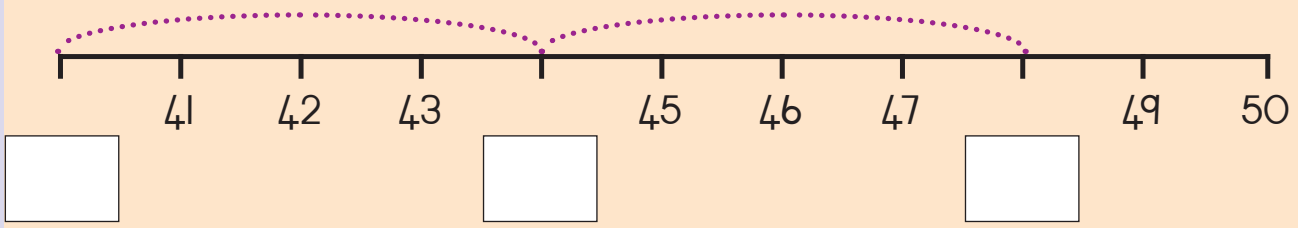
Draw or paste pictures of things that come in fours.

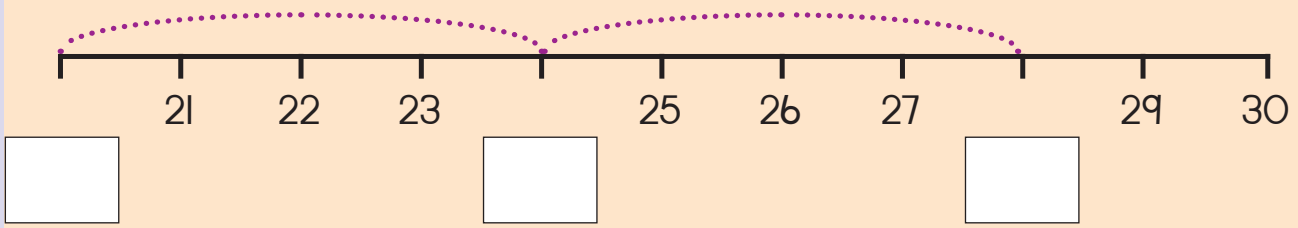
We started the pattern. Complete it.

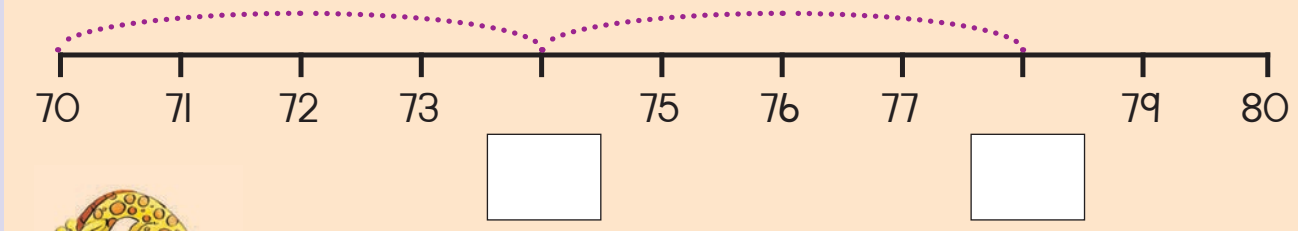
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use the number lines to write a pattern.









Complete the following.

4, 8, 12, __ , __ , __	1, 5, 9, __ , __ , __	48, 44, 40, __ , __ , __
28, 32, 36, __ , __ , __	42, 46, 50, __ , __ , __	60, 56, 52, __ , __ , __
12, 16, 20, __ , __ , __	20, 16, 12, __ , __ , __	70, 66, 62, __ , __ , __

There are four biscuits in a packet. I sold 9 packets. How many biscuits did I sell?

Teacher:
Sign:
Date:

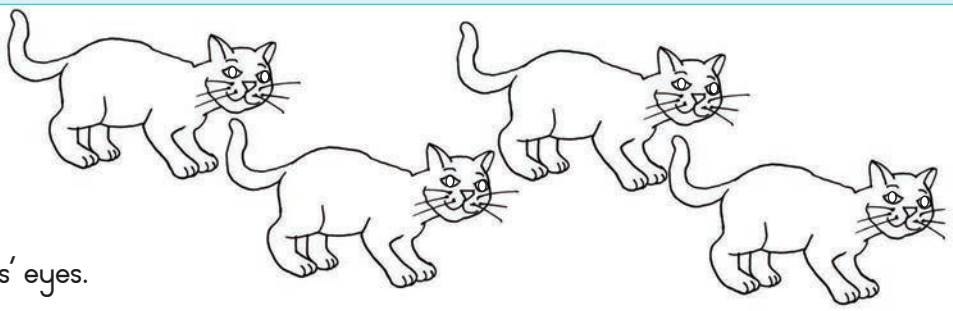
11 12 13 14 15 16 17 18 19 20

Date:

More multiplication stories

Make your own story using words such as eyes, legs, hands, feet, animals, people. Add a number to each.

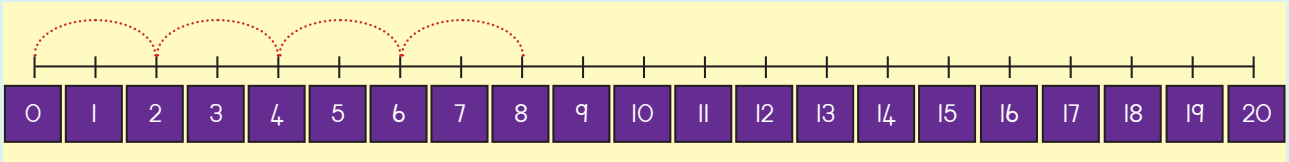
A cat has 2 eyes. How many eyes do 4 cats have?



Colour the cats' eyes.

Show it with counters.

Show it on a number line.



□ + □ + □ + □ = □

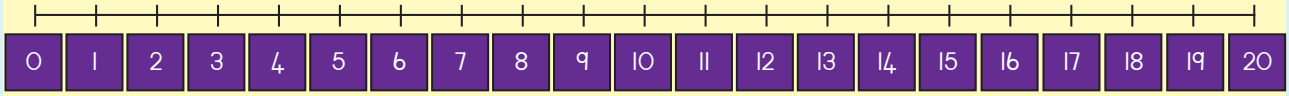
□ × □ = □

A tricycle has 3 wheels. How many wheels do 5 tricycles have?

Colour the tricycle wheels.

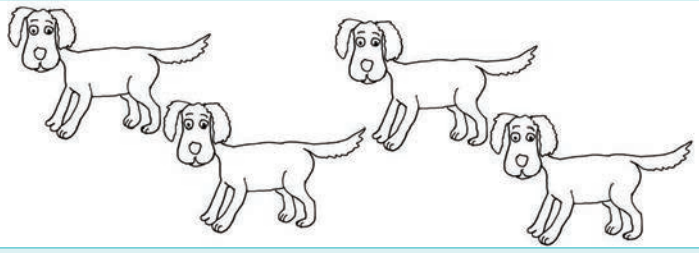
Show it with counters.

Show it on a number line.



+ = × =

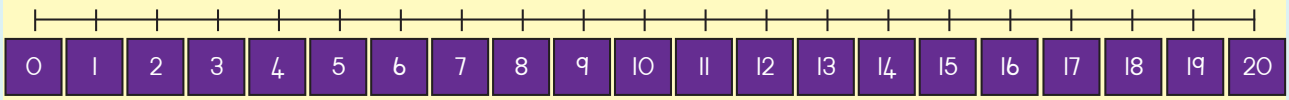
A dog has 4 legs. How many legs do 4 dogs have?



Colour the dogs' legs.

Show it with counters.

Show it on a number line.



+ = × =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Date:

Hours

Talk about the clock.

The short hand shows us the hours.
Here it shows 7 hours.

The hand on the clock goes round and round,
round and round, round and round.
The hand on the clock goes round and round,
To tell us the time.

What is the short hand showing us?

☐ hour

☐ hours

☐ hours

☐ hours

☐ hours

☐ hours

☐ hours

☐ hours

☐ hours

☐ hours

☐ hours

☐ hours

3 Draw the short hand.

4 hours

1 hours

11 hours

7 hours

9 hours

10 hours

2 hours

5 hours

3 hours

6 hours

8 hours

12 hours

4 What can take an hour to do? Colour in the correct answer.

Doing homework

Sleeping

Brushing teeth

Teacher:
Sign:
Date:

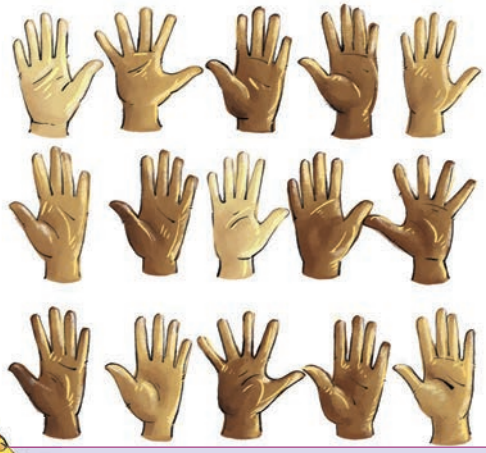
11 12 13 14 15 16 17 18 19 20

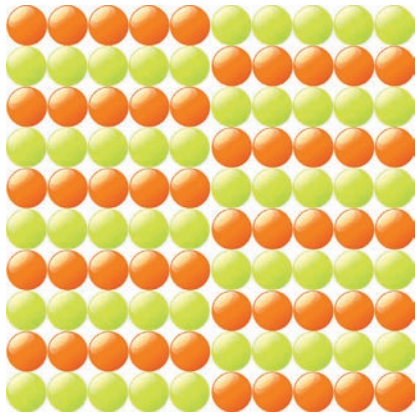
56

Date:

Number patterns: fives

Let us count in fives.





Draw or paste pictures of things that come in fives.

We started the pattern. Complete it.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1 2 3 4 5 6 7 8 9 10

Use the number lines to write a pattern.

0 1 2 3 4 5 6 7 8 9 10

0 5 10

40 41 42 43 44 45 46 47 48 49 50

21 22 23 24 25 26 27 28 29 30 31

70 71 72 73 74 75 76 77 78 79 80

Complete the following.

5, 10, 15, __ , __ , __	1, 6, 11, __ , __ , __	50, 45, 40, __ , __ , __
20, 25, 30, __ , __ , __	23, 28, 33, __ , __ , __	60, 55, 50, __ , __ , __
30, 35, 40, __ , __ , __	25, 20, 15, __ , __ , __	54, 49, 44, __ , __ , __

5 10 15 20 25 30 35 40 45 50

Teacher:
Sign:
Date:

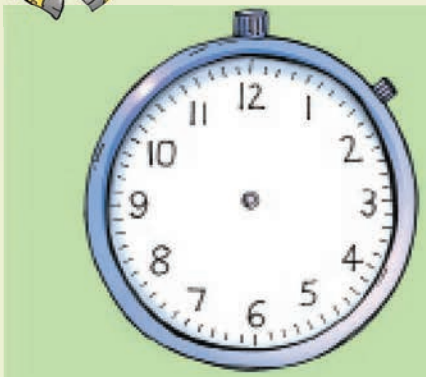
11 12 13 14 15 16 17 18 19 20

57a

Date:

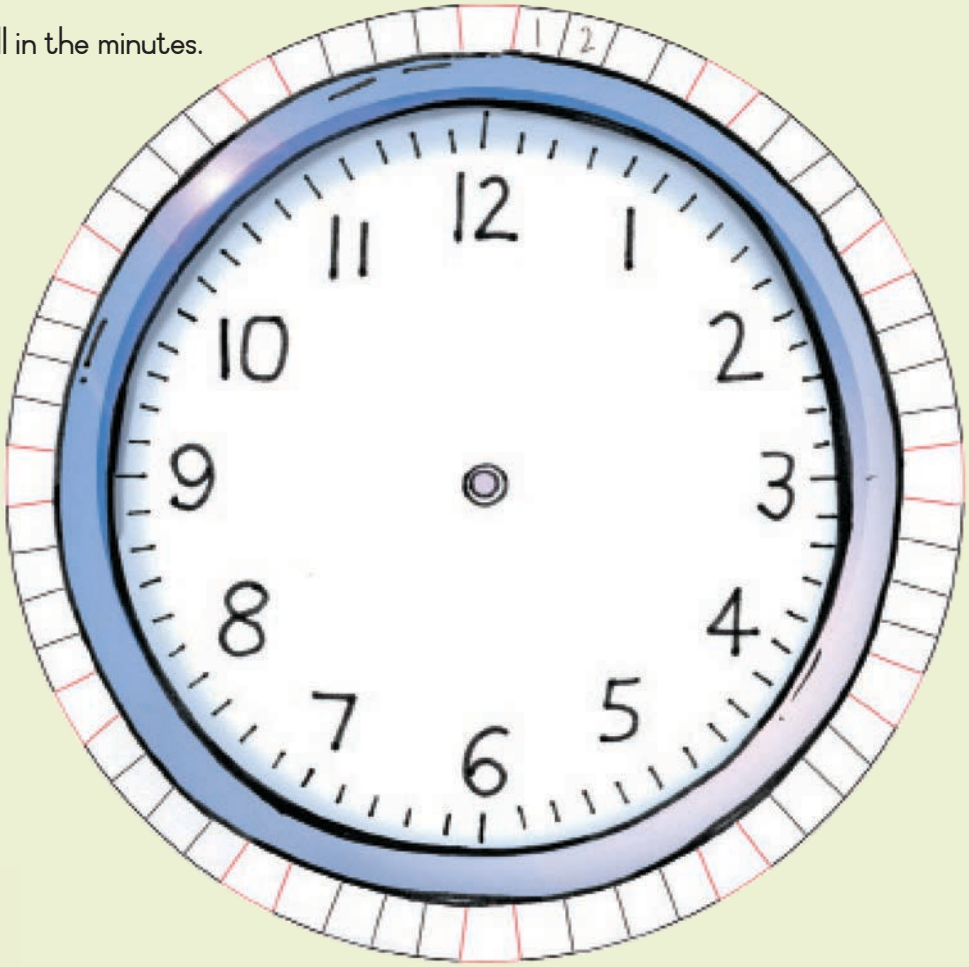
Minutes

How do we use the short black lines on the clock's face?



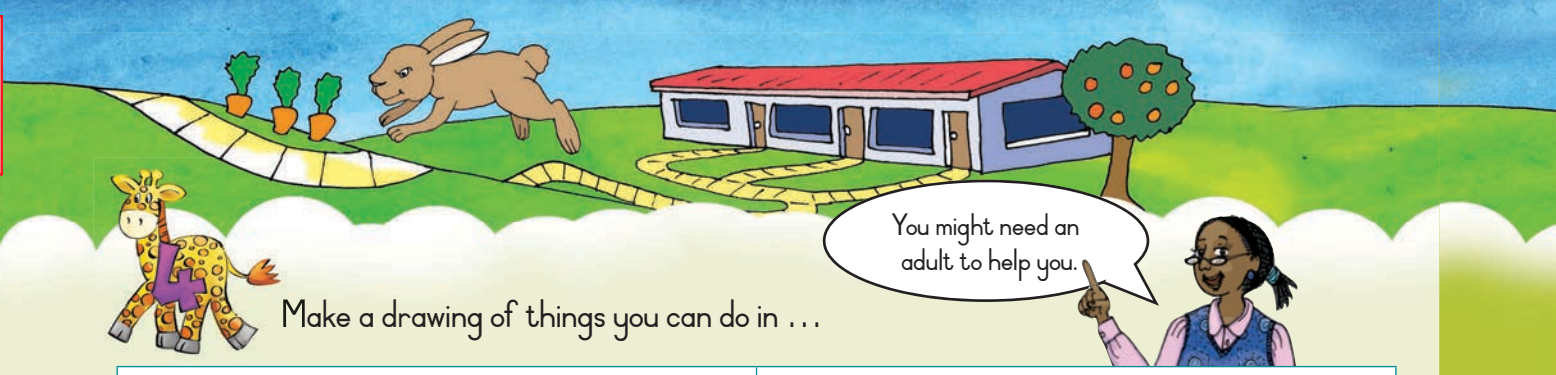
Think of all the things you can do in one minute.

Fill in the minutes.



Write down the numbers in the red squares here.

1 2 3 4 5 6 7 8 9 10



Make a drawing of things you can do in ...

1 minute	5 minutes
30 minutes	60 minutes

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

57b

Date: .....

More minutes

Talk about the clock.

The long hand shows us minutes.
Here it shows 10 minutes.

The hand on the clock goes round and round,
round and round, round and round.
The hand on the clock goes round and round,
To tell us the time.

What is the long hand showing us?

☐ minutes

☐ minutes

☐ minutes

☐ minutes

☐ minutes

☐ minutes

Draw the long hand.

55 minutes

35 minutes

60 minutes

10 minutes

45 minutes

12 minutes

What can take one minute to do? Colour in the correct answer.

Skipping

Playing

Eating

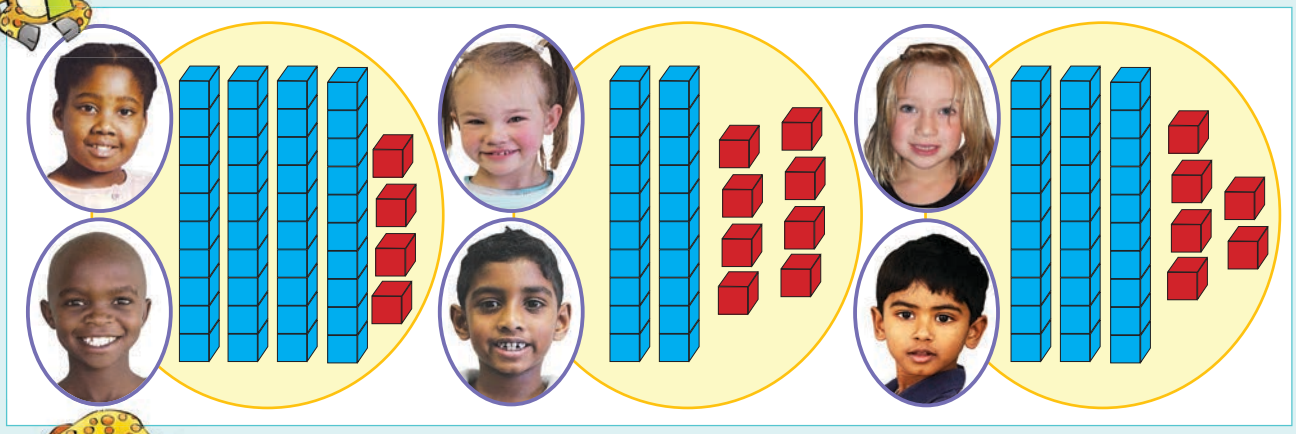
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

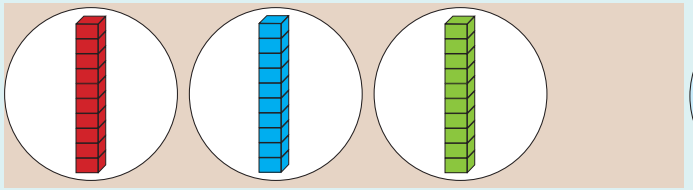
Date:

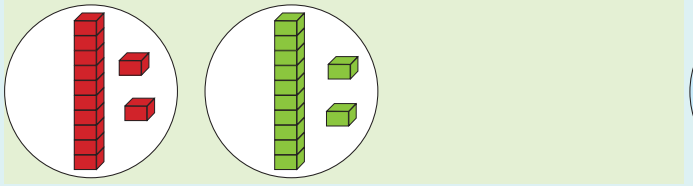
Grouping and sharing

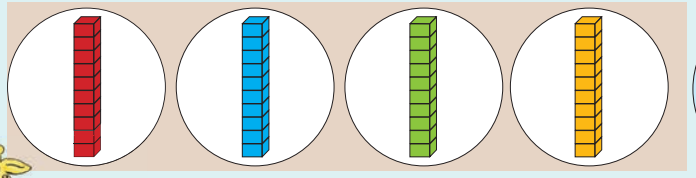
1 How many blocks are in each circle? Share them equally between the children.

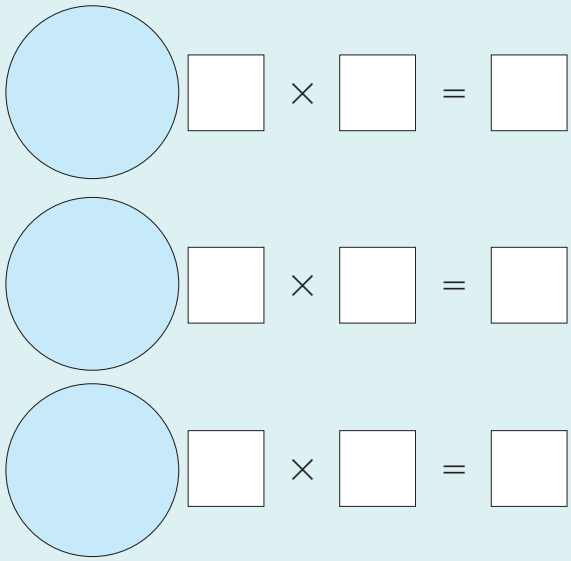


2 How many blocks are in each circle? Write the total in the blue circle.

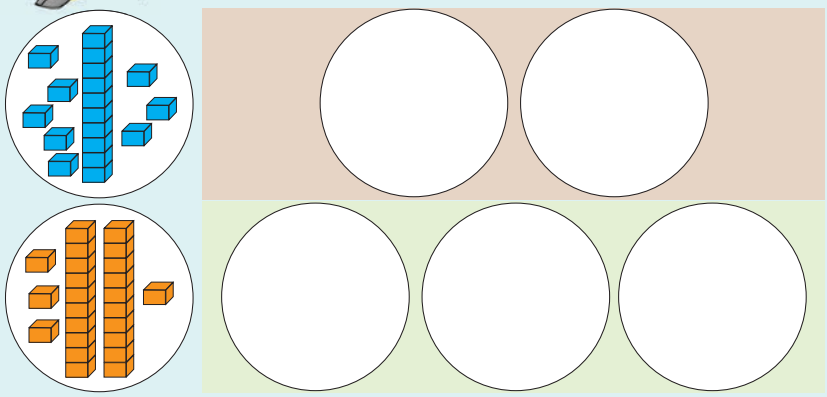


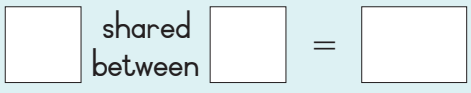


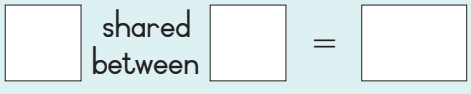


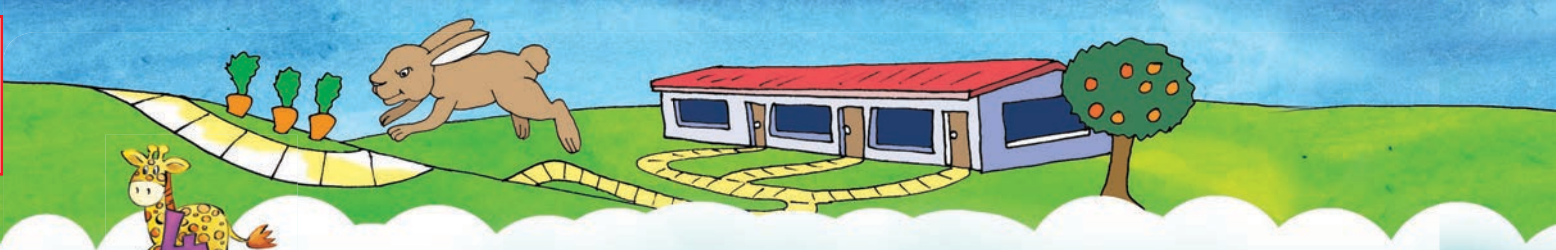


3 Share the blocks equally between the circles.









Draw the following. Write a sum for each.

3 groups of 2

+ Plus sum:

× Times sum:

2 groups of 14

+ Plus sum:

× Times sum:

Share 12 counters between 4.

− Minus sum:

÷ Shared between (division sum):

Share 30 counters between 3.

− Minus sum:

÷ Shared between (division sum):

Calculate.

2 groups of 7 _____ 3 groups of 8 _____

4 groups of 5 _____ 2 groups of 15 _____

Share 18 between 2 _____ Share 24 between 3 _____

Share 35 between 5 _____ Share 50 between 10 _____

There were 6 groups of 5 children each at my party. How many children were at my party?

Teacher:

Sign:

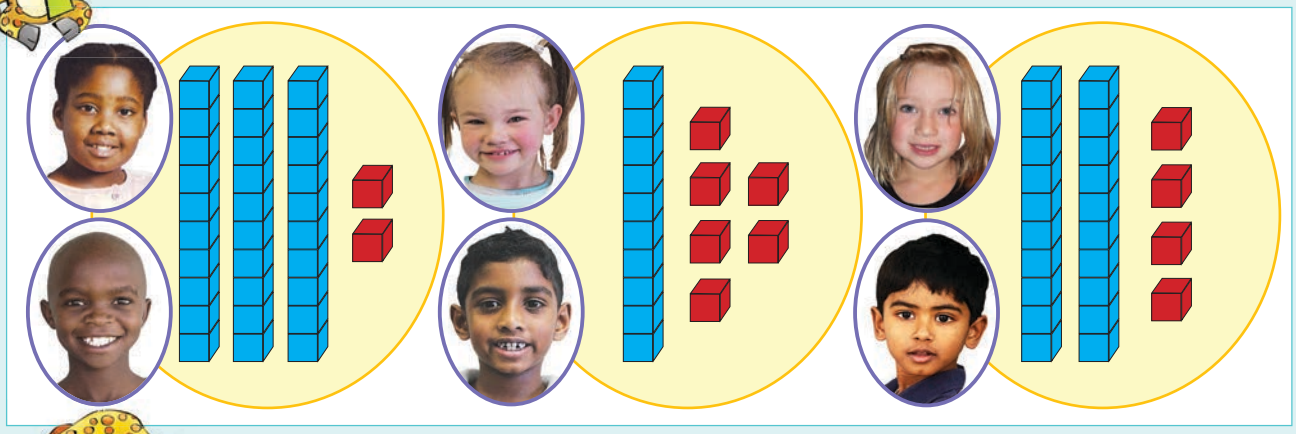
Date:

11 12 13 14 15 16 17 18 19 20

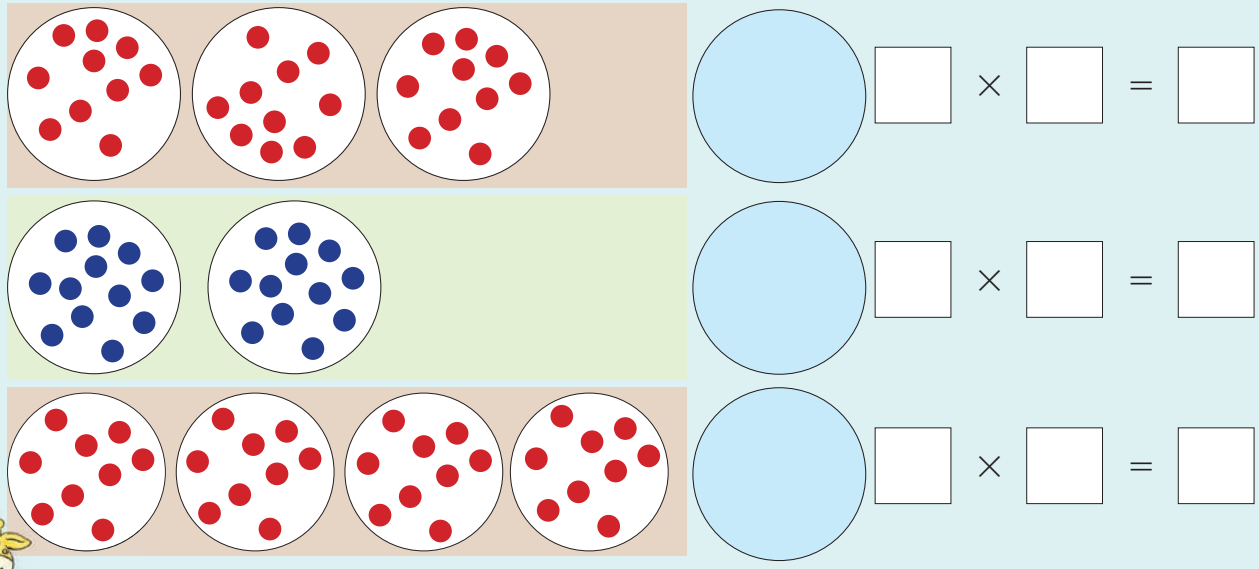
Date:

More grouping and sharing

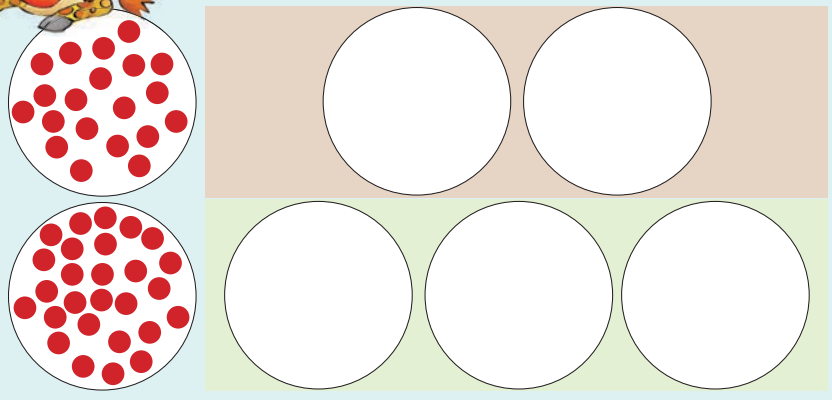
1 How many blocks are in each circle? Share them equally between the children.



2 How many counters are in each circle? Write the total in the blue circle.

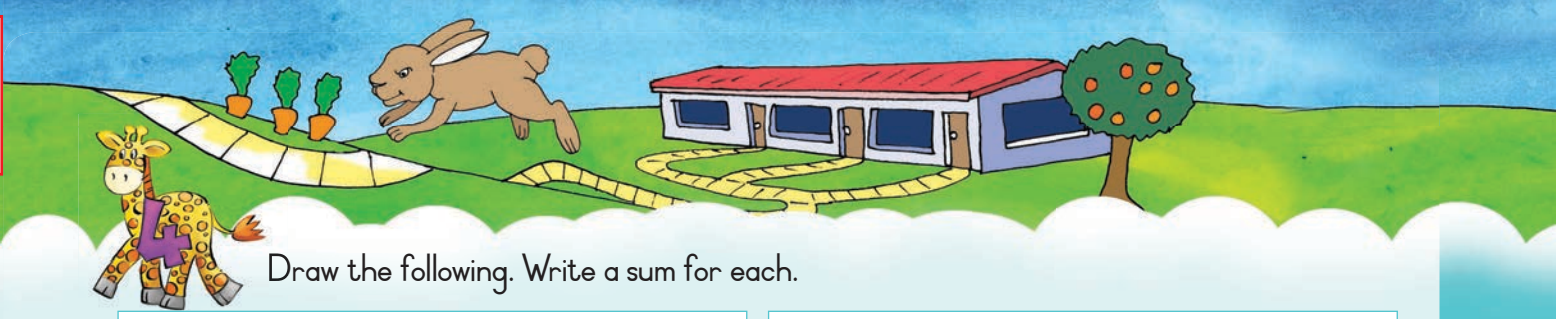


3 Divide the counters between the circles.



☐ shared between ☐ = ☐

☐ shared between ☐ = ☐



Draw the following. Write a sum for each.

3 groups of 12

+ Plus sum:

× Times sum:

5 groups of 10

+ Plus sum:

× Times sum:

Share 24 counters between 4.

− Minus sum:

÷ Shared between (division sum):

Share 25 counters between 5.

− Minus sum:

÷ Shared between (division sum):

Calculate.

2 groups of 11 _____	3 groups of 10 _____
4 groups of 4 _____	2 groups of 25 _____
Share 20 by 2 _____	Share 27 by 3 _____
Share 50 by 5 _____	Share 28 by 2 _____

double share

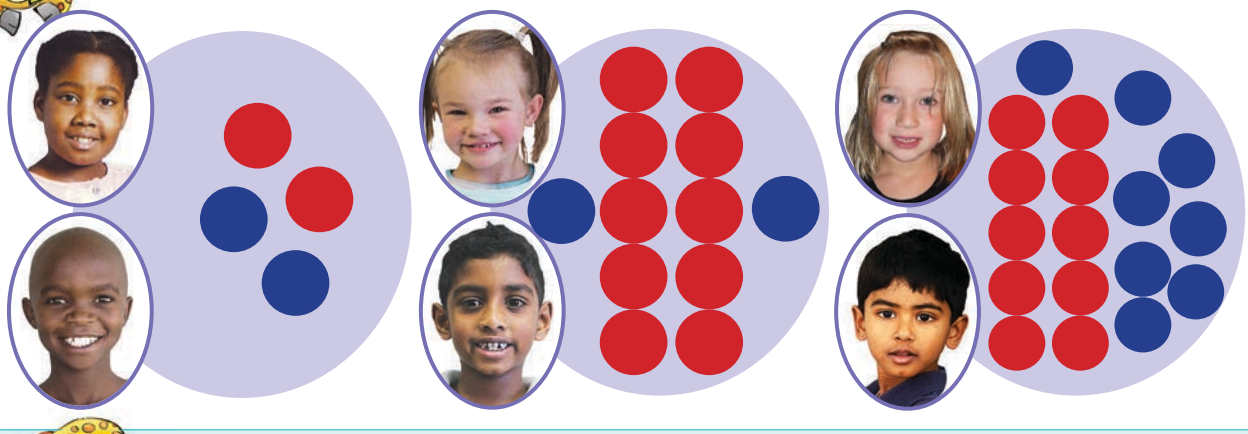
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

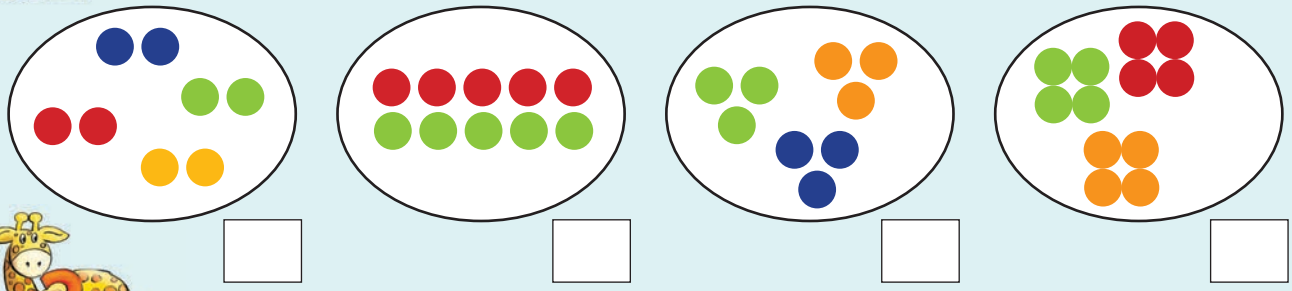
Date:

Yet more grouping and sharing

1 How many counters are in each circle? Share them equally between two children.



2 How many counters are in each circle?



3 Cut the shapes from Cut-out 4 and paste it in the correct block.
Count the shapes.

4 Share the shapes between the children. Use the shapes from Cut-out 4. (Worksheet 60 section)

triangles

squares

5 Share the fruit between the children. Draw them.

oranges

apples

6 John and Belinda shared 12 sweets equally. How many sweets did each get?

Teacher:
Sign:
Date:

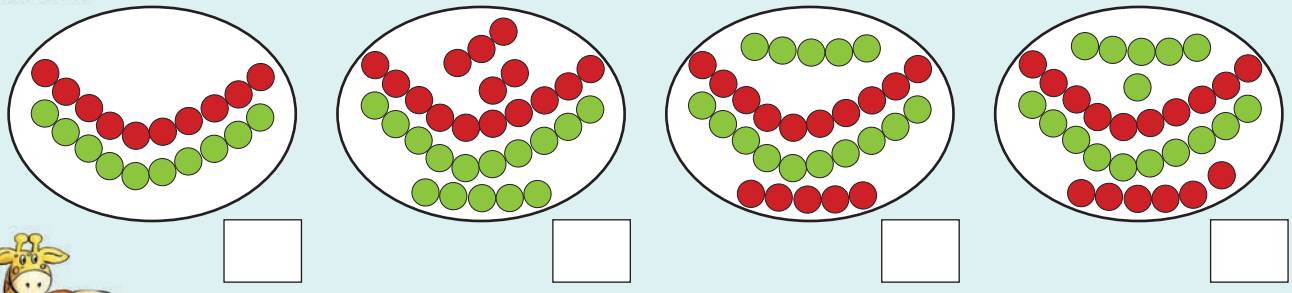
11 12 13 14 15 16 17 18 19 20

Date:

Grouping and sharing again

1 How many beads do you count in each circle? Share them between the children.

2 How many beads are in each circle?

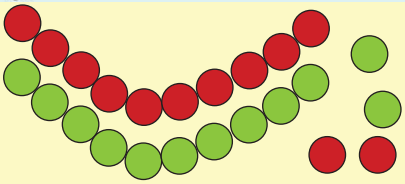
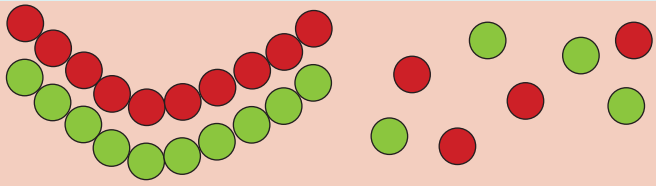


3 Cut the beads from Cut-out 4 (Worksheet 61 section) and paste them here. Count the beads.

Red beads	Blue beads
Yellow beads	Green beads

4 Draw an equal number of beads for each child.

5 Share the beads between the children. Draw them.

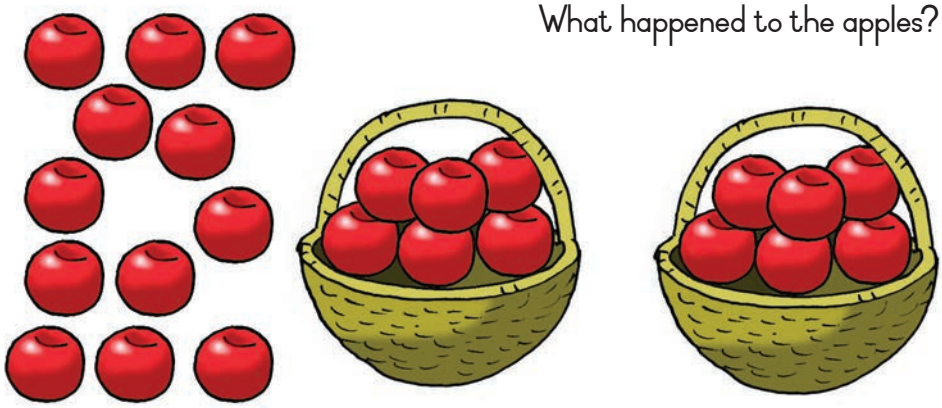
6 Busi and Zaheda shared 32 coloured pencils equally.
How many pencils did they each get?

Teacher:
Sign:
Date:

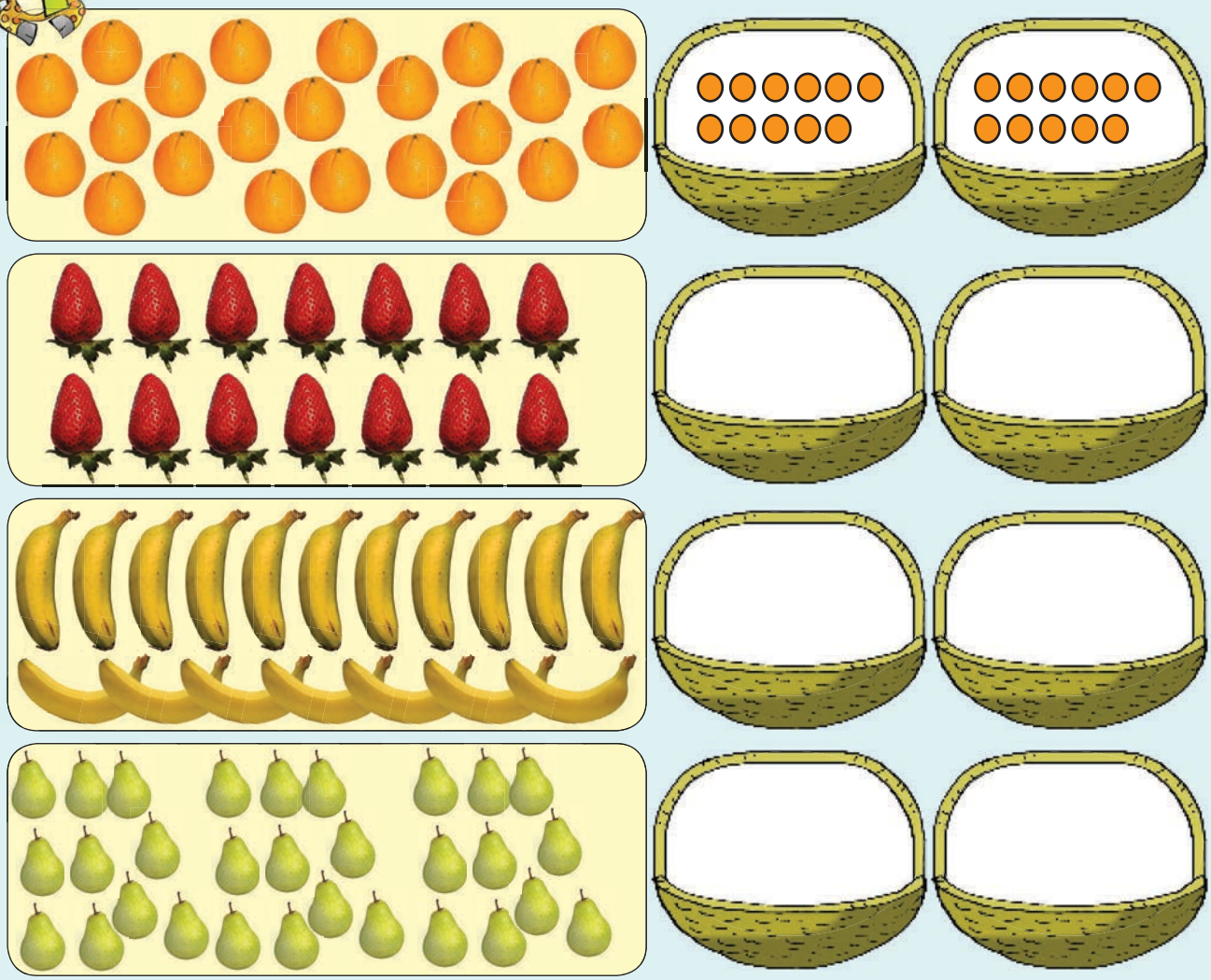
Date:

Halves: 1 – 20

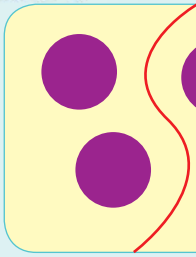
What happened to the apples?



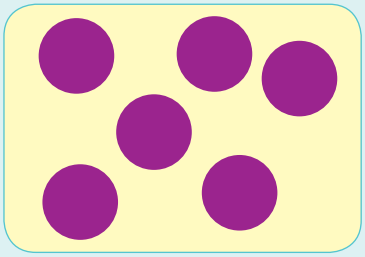
Share the fruit on the left in the baskets on the right. Draw it.



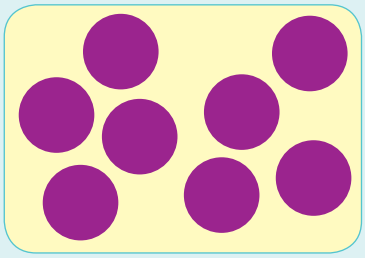
2 Draw a line to show half.



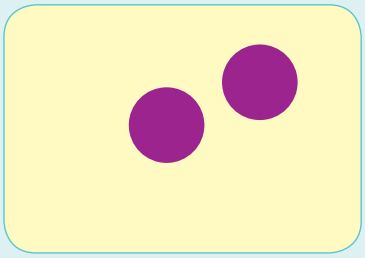
Half of 4 is 2



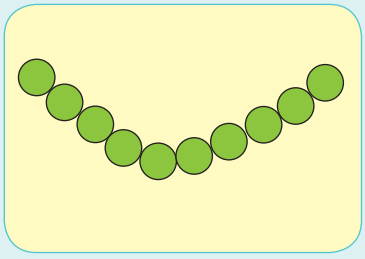
Half of 6 is



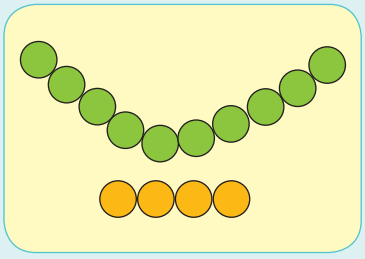
Half of 8 is



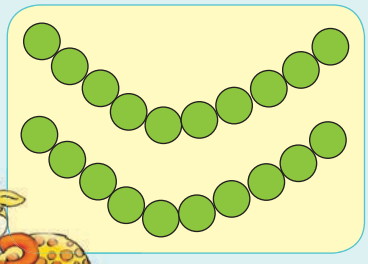
Half of 2 is



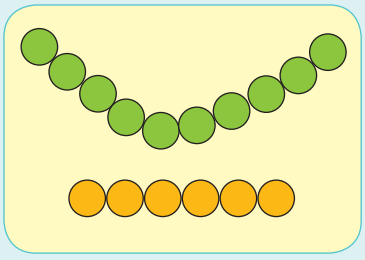
Half of 10 is



Half of 14 is

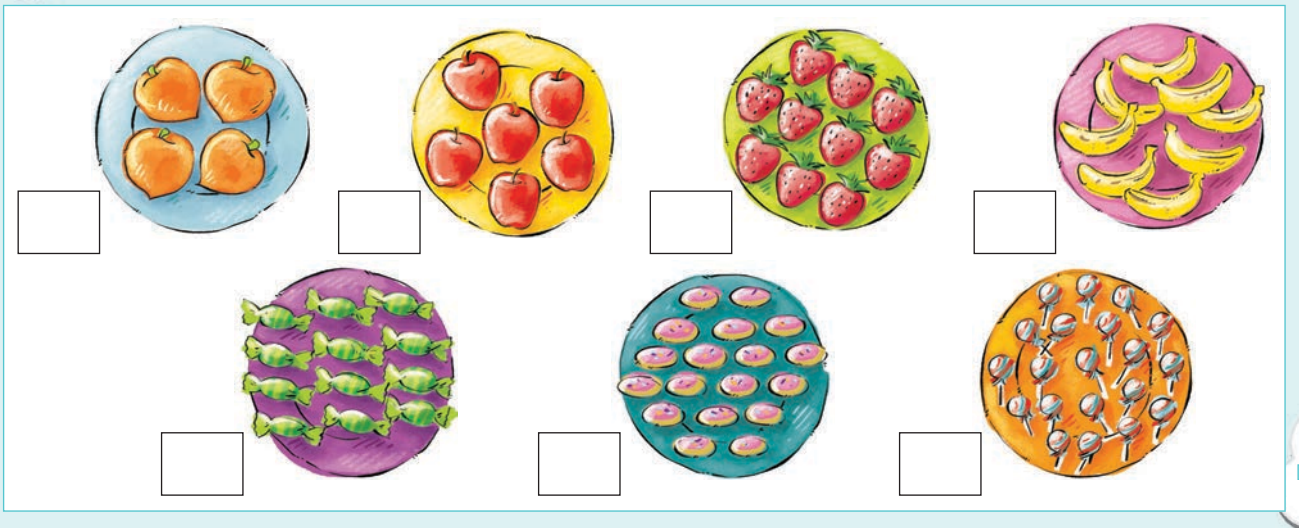


Half of 20 is



Half of 16 is

3 What is half of each plate of food?

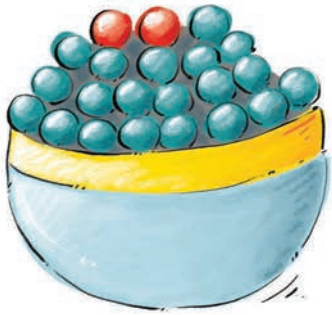


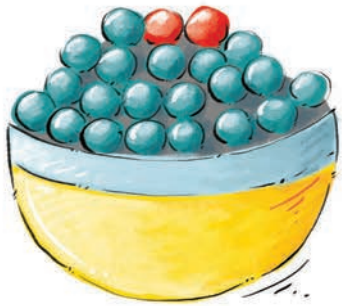
Teacher:
Sign:
Date:

Date:

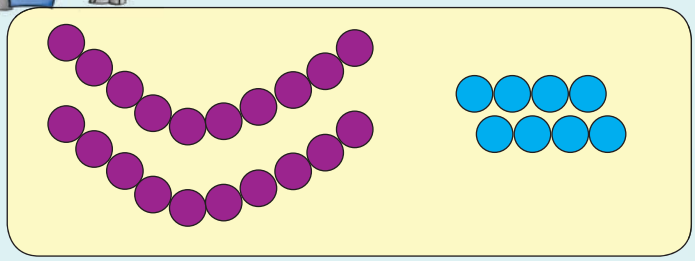
Sharing 20 – 50

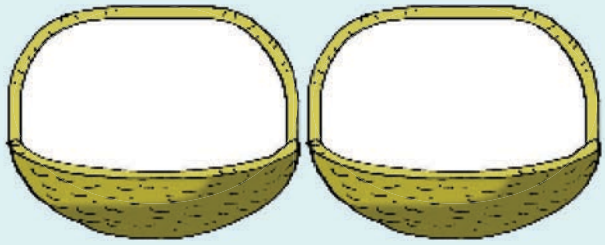
Tell your friend how the beads are shared between the two bowls.

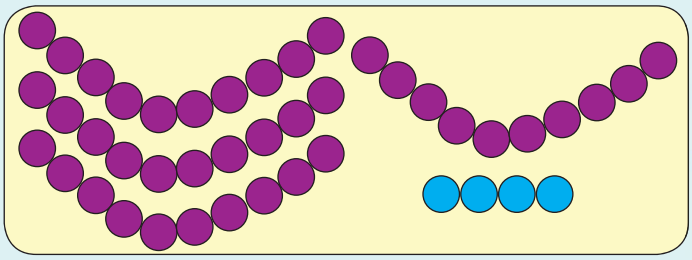


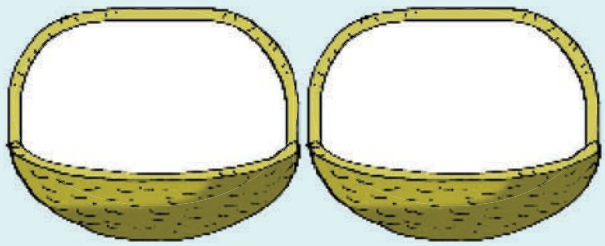


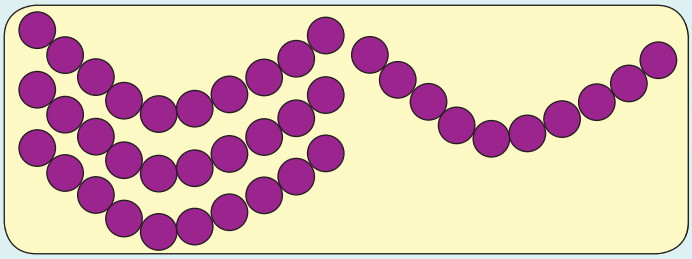
Share the beads equally between the two baskets. Draw them as you place them into the basket.

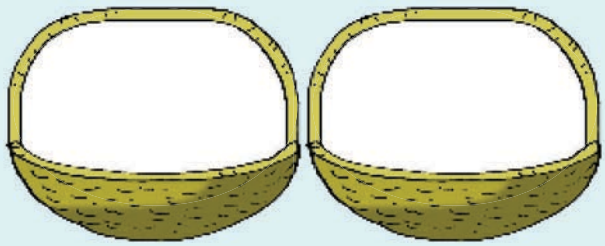


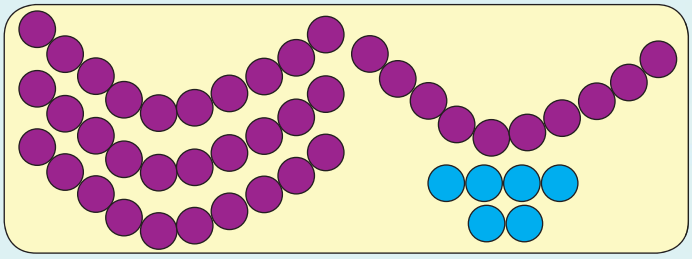


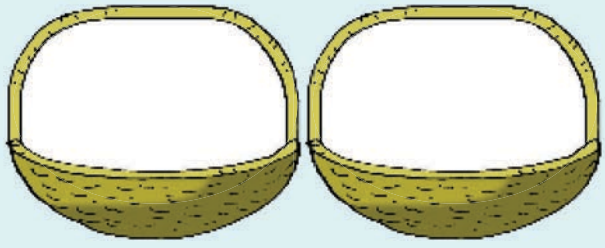


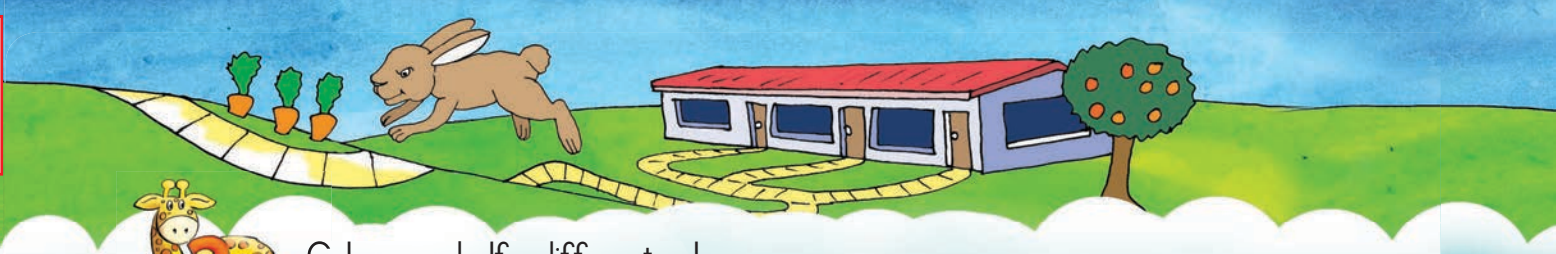




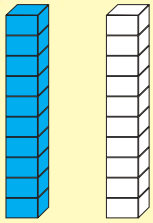




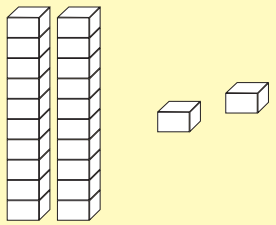




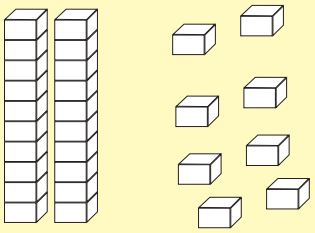
Colour one half a different colour.



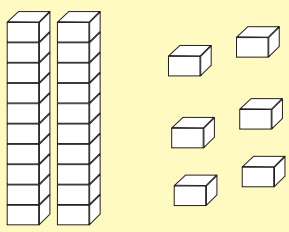
Half of 20 is 10



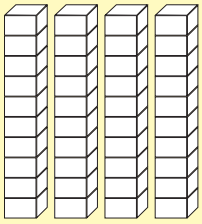
Half of 22 is



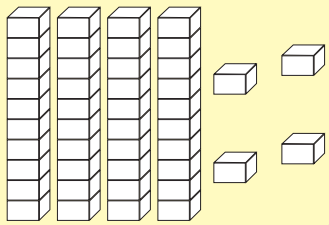
Half of 28 is



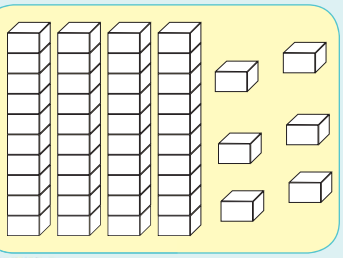
Half of 26 is



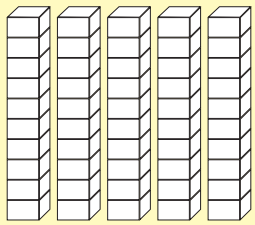
Half of 40 is



Half of 44 is

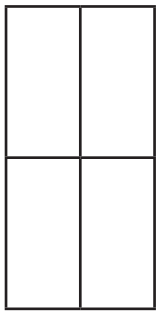


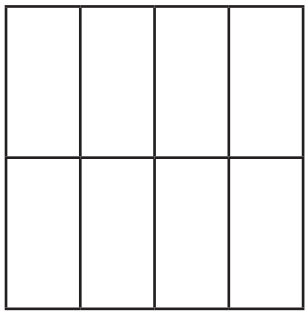
Half of 46 is

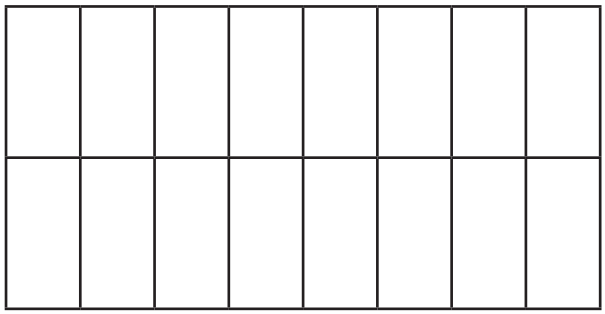


Half of 50 is

Colour half of each diagram.





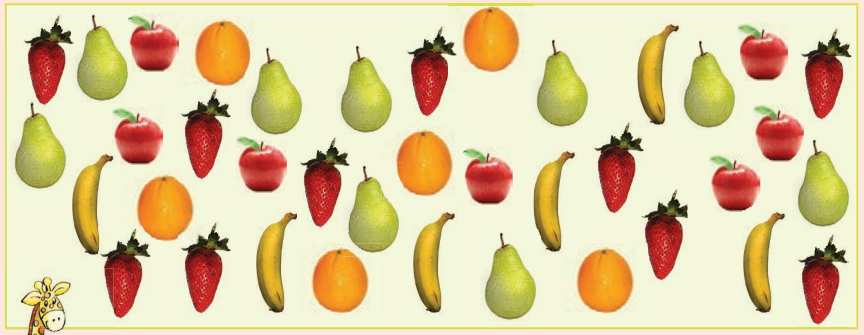


Teacher:
Sign:
Date:

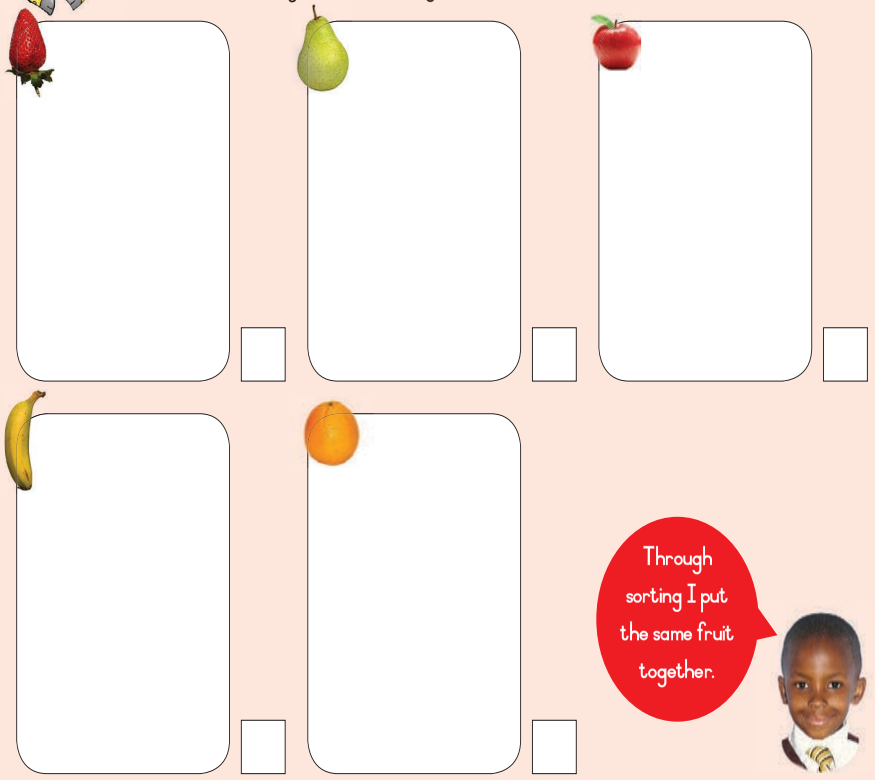
11 12 13 14 15 16 17 18 19 20

Date:

Data

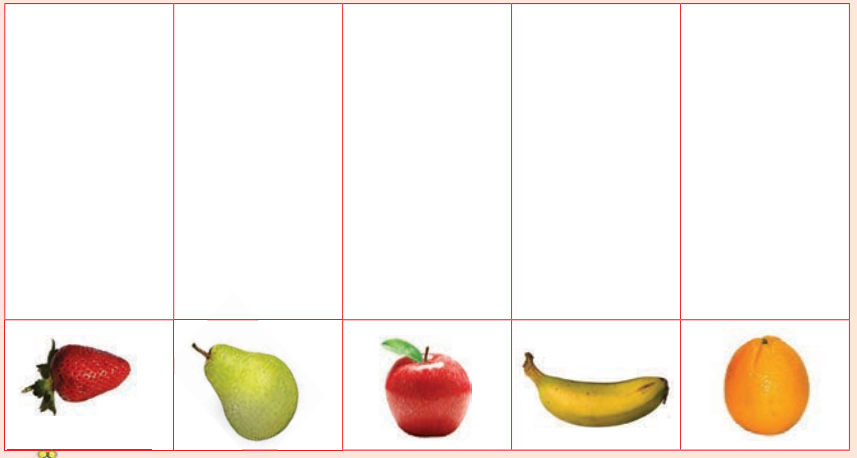


Sort the fruit. Make your own drawing to show it. Write the total in the box.

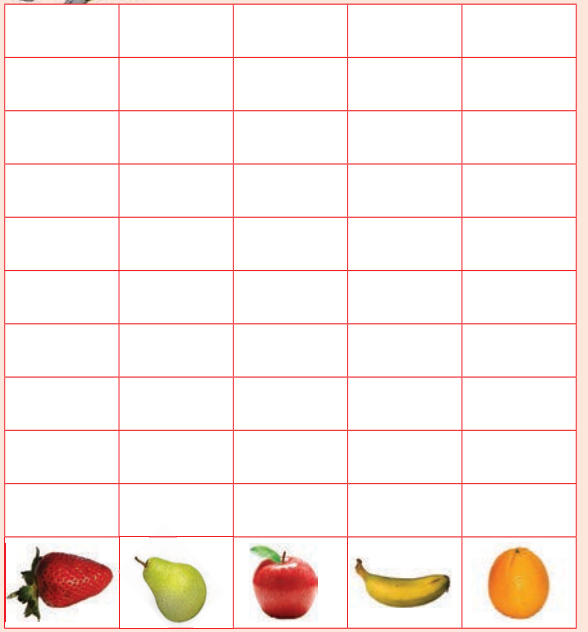


Through sorting I put the same fruit together.

Draw a pictograph of your sorted fruit.



Look at the fruit and answer the questions.



Which fruit do we have the most?

Which fruit do we have the least?

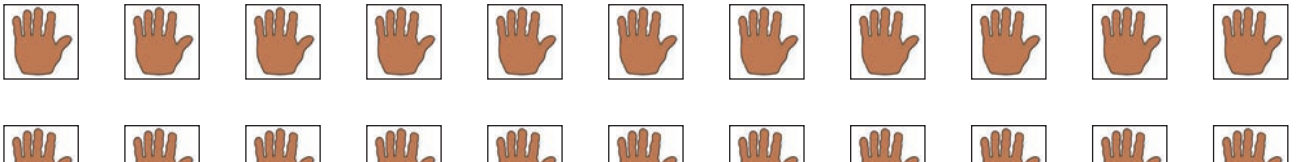
Teacher:

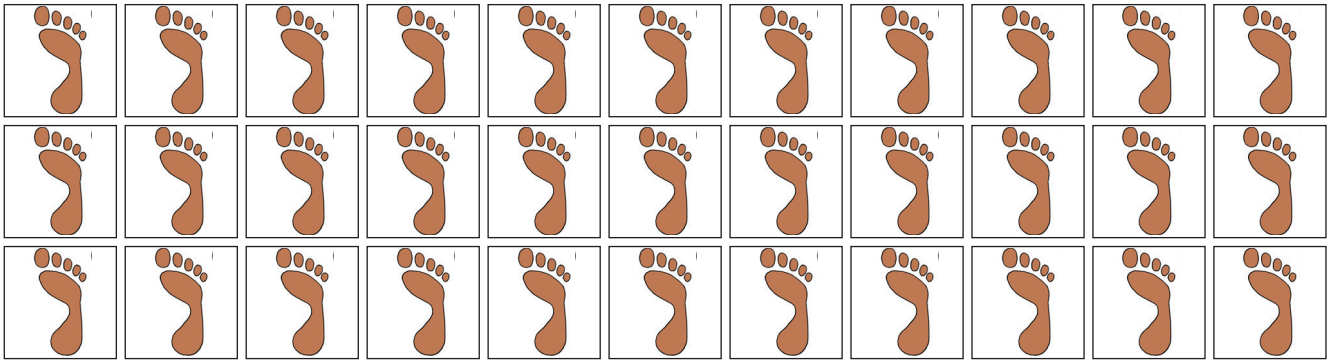
Sign:

Date:

Cut-out 1

Worksheets 10 and 40





Worksheet 13

early morning	late afternoon	afternoon
night	late night	morning and early afternoon

Cut-out 2

Worksheet 22

Historical and Special events

Human Rights Day

Day of Reconciliation

Workers' Day

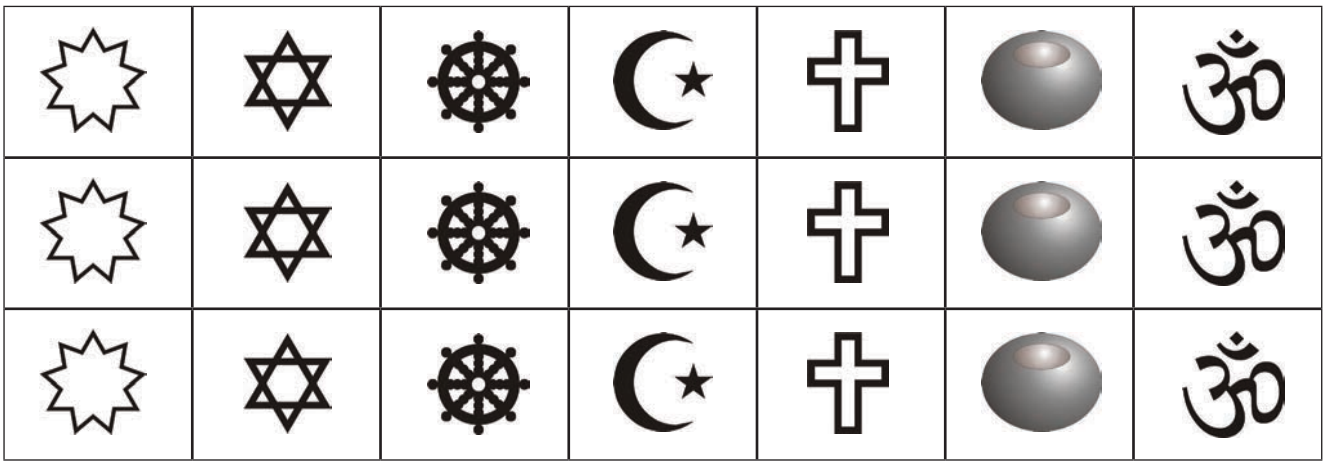
Youth Day

Heritage Day

National Woman's Day

Freedom Day

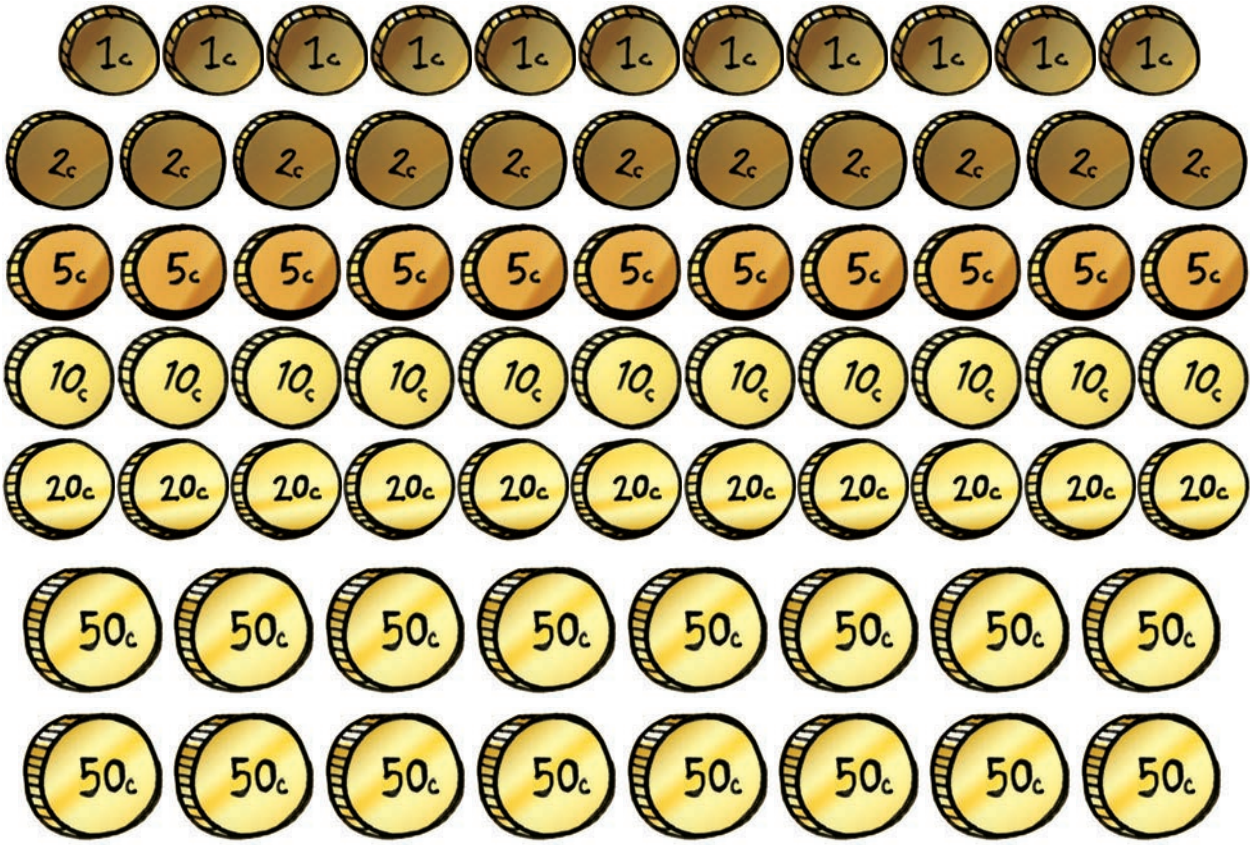
Symbols of the religions



Bahai | Judaic | Buddhist | Islamic | Christian | Traditional African | Hindu

Cut-out 3

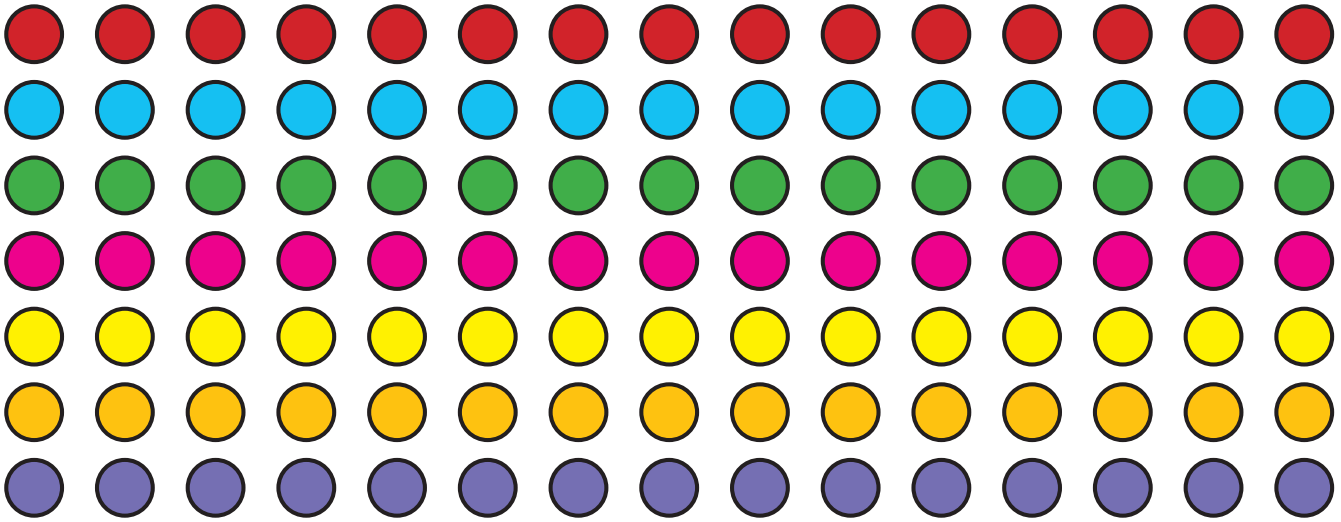
Worksheets 25 and 26



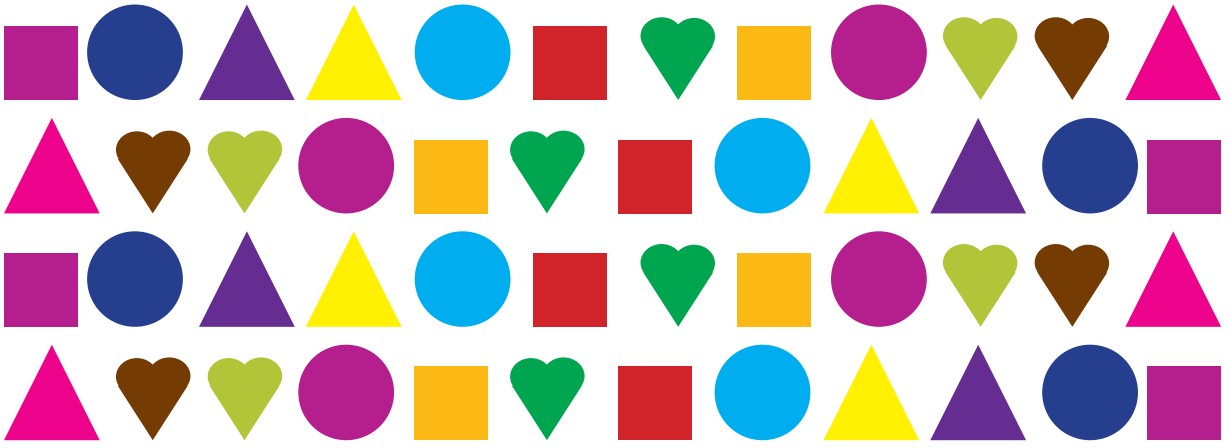
R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100
R50	R50	R50	R50	R50
R10	R10	R10	R10	R10
R20	R20	R20	R20	R20
R100	R100	R100	R100	R100

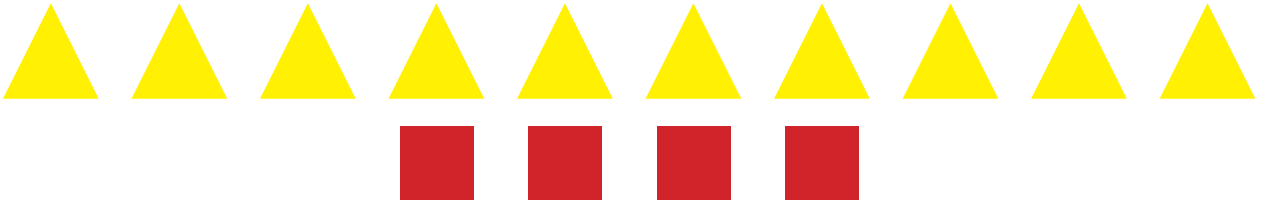
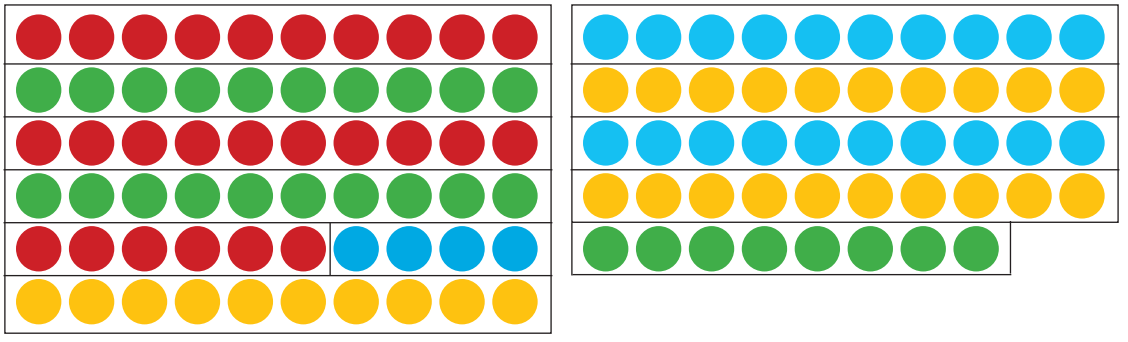
Cut-out 4

Worksheet 27



Worksheet 60





Worksheet 61