



# basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA



## ANNUAL NATIONAL ASSESSMENT 2015 GRADE 4 MATHEMATICS TEST

MARKS: 50

MARKS	
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TIME:  $1\frac{1}{2}$  hours

PROVINCE \_\_\_\_\_

DISTRICT \_\_\_\_\_

CIRCUIT \_\_\_\_\_

SCHOOL \_\_\_\_\_

EMIS NUMBER (9 digits)

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CLASS (e.g. 4A) \_\_\_\_\_

SURNAME \_\_\_\_\_

NAME \_\_\_\_\_

GENDER (✓)

BOY	
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GIRL	
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DATE OF BIRTH

C	C	Y	Y	M	M	D	D
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This test consists of 12 pages, excluding the cover page.



**Instructions to the learner:**

1. Read all the instructions carefully.
2. Question 1 consists of 9 multiple-choice questions. Circle the letter of the correct answer.
3. Answer questions 2 to 16 in the spaces or frames provided.
4. All working must be done on the question paper and not on rough paper.
5. The test is out of 50 marks.
6. The test duration is 90 minutes.
7. The teacher will lead you through the practise question before you start the test.
8. You may not use a calculator.

**Practice question**

Circle the letter of the correct answer.

$$8 \times 6 =$$

- A 48
- B 84
- C 72
- D 60

You have answered the question correctly if you circled A.

**NOTE:**

- You will answer more questions like the one you have just completed.
- Do your best to answer each question even if you are not sure of the answer.
- Write down the answer that you think is the best and move to the next question.
- When you have answered all the questions on a page, turn over to the next page.
- Look only at your own work.

**The test starts on the next page.**

1. Circle the letter of the correct answer.

1.1 Which number is 100 more than 6 215?

A 6 115

B 6 315

C 7 215

D 7 115

(1)

1.2 4 512 rounded off to the nearest 100 is...

A 4 000

B 4 600

C 4 500

D 5 000

(1)

1.3 Which answer describes the sequence 3; 6; 9; 12; ... in words?

A Multiples of 6

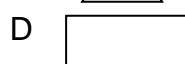
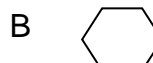
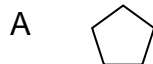
B Factors of 15

C Add 4

D Multiples of 3

(1)

1.4 Which one of the following 2-D shapes is a hexagon?



(1)

1.5 What are the next two numbers in the number sequence below?

1 150; 1 300; 1 450; ...

A 1 500; 1 550

B 1 550; 1 600

C 1 600; 1 750

D 1 600; 1 700

(1)

1.6 Which unit of measurement is used to determine the distance between Johannesburg and Cape Town?

A km

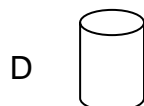
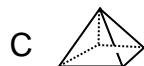
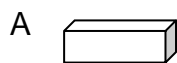
B m

C mm

D cm

(1)

1.7 Which one of the 3-D objects below has both a flat surface and a curved surface?



(1)

1.8 Which view of the car is shown?



- A Front
- B Side
- C Top
- D Back

(1)

1.9 In which shape does the dotted line show symmetry?

- A
- B
- C
- D

(1)

[9]

2. Fill in  $>$  ;  $<$  or  $=$  to make a correct statement.

$$(16 + 4) - 20 \quad \underline{\hspace{1cm}} \quad (20 + 4) - 16$$

[1]

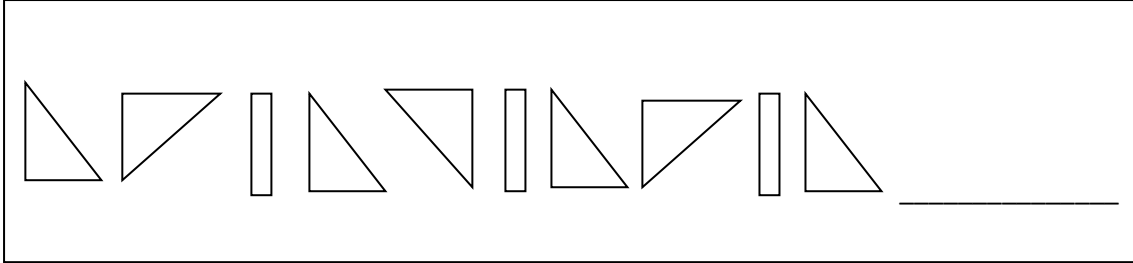
3. Rewrite the given numbers from the biggest to the smallest.

5 342 , 5 234 , 5 432 , 5 243

\_\_\_\_\_

[1]


4. Draw the next shape.



[1]

5. Look at the information in the table below and answer the questions that follow.

5.1 Fill in the amount of change received.

Toy purchased	Cost of toy	Paid with	Change received
	R75,00	R200,00	_____

(2)

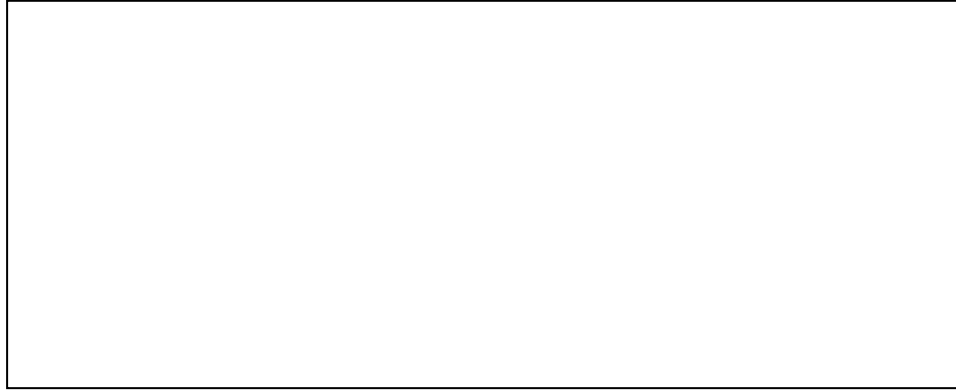
5.2 The cost of the toy is R75,00. How much will the toy cost if it is sold for half its price?

(2)

[4]

6. Calculate the answers for questions 6.1 to 6.4.

6.1  $7\,224 + 1\,297$



(3)

6.2  $3\,627 - 1\,618$



(3)

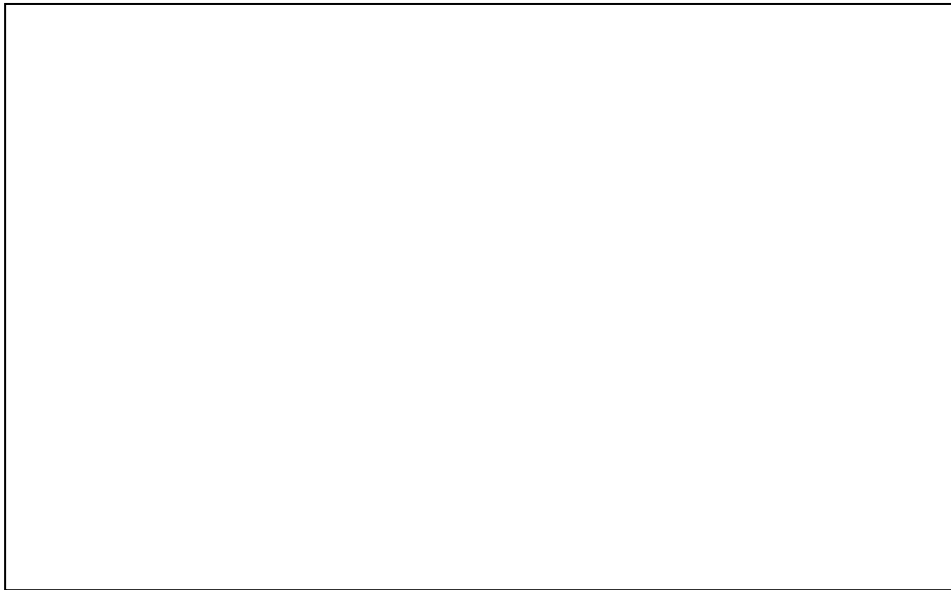
6.3  $39 \times 14$



(3)



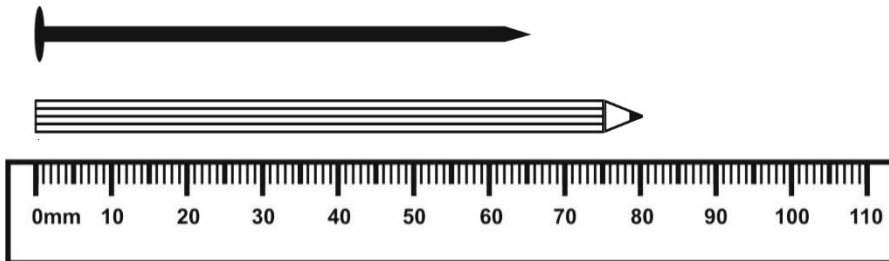
6.4       $248 \div 8$



(3)

[12]

7. Look at the lengths of the various pictures below and answer the questions that follow.

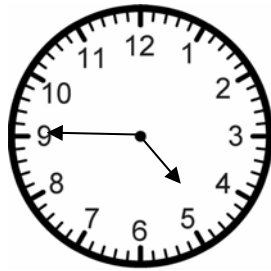


7.1      The length of the pencil is \_\_\_\_\_mm.      (1)

7.2      What is the difference between the length of the pencil and the  
            length of the nail?  
            \_\_\_\_\_      (2)

[3]

8. Look at the picture of the clock face below.



Complete: The time shown on the clock face in the morning is

\_\_\_\_\_.

[1]

9. Study the calendar below and answer the questions that follow.

**December 2015**

<b>S</b>	<b>M</b>	<b>T</b>	<b>W</b>	<b>Th</b>	<b>F</b>	<b>S</b>
		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		

- 9.1 Mark and his family will be away on holiday from the 8<sup>th</sup> of December until the 29<sup>th</sup> of December. How many weeks will they be away on holiday?

\_\_\_\_\_

(1)

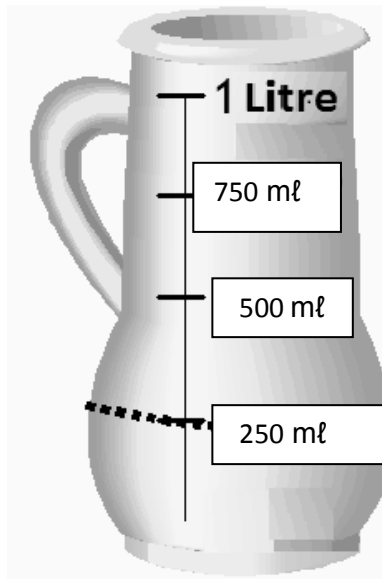
- 9.2 On what day will the 1<sup>st</sup> of January 2016 fall?

\_\_\_\_\_

(1)

[2]

10. Look at the picture of the water jug below and answer the questions that follow.



- 10.1 What is the capacity of the water jug?

\_\_\_\_\_

(1)

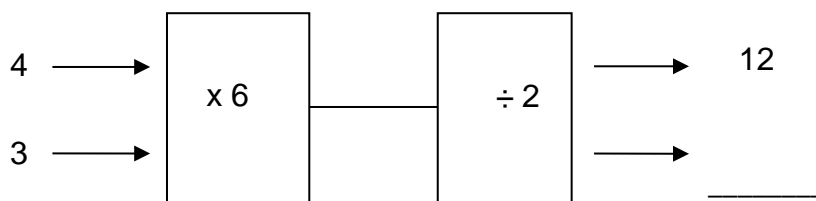
- 10.2 Susan poured 250 ml of the water from a jug that contained 750 ml of water. How many millilitres of water are left in the jug?

\_\_\_\_\_

(1)

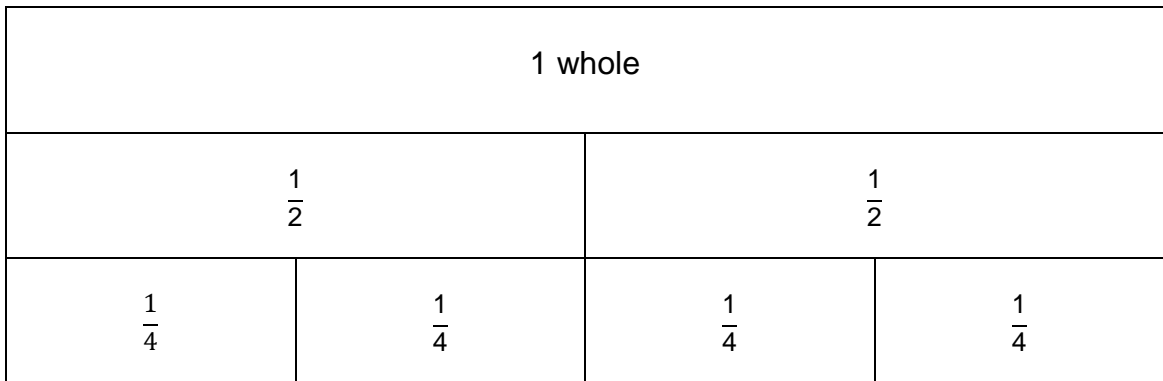
[2]

11. Complete the flow diagram.

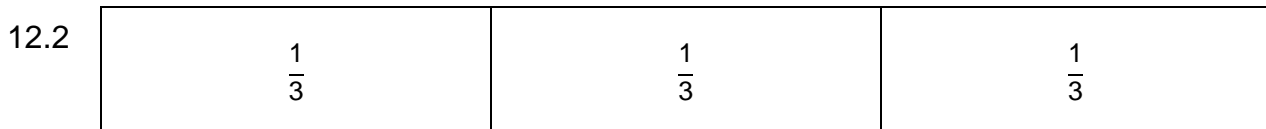


[1]

12. Use the fraction walls to answer the questions that follow.



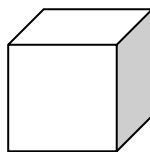
12.1  $\frac{1}{2} = \frac{\quad}{4}$  (1)



Shade  $\frac{2}{3}$  of the above diagram. (1)

[2]

13. In the 3-D object below the sides of the faces are all equal in length.



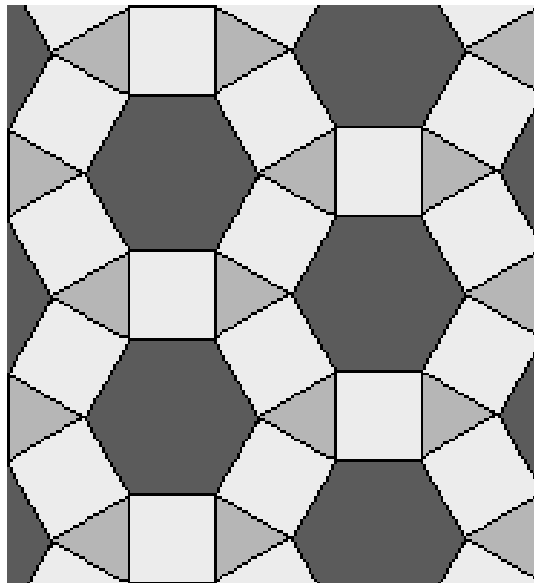
13.1 Write down the name of the 3-D object.  
\_\_\_\_\_ (1)

13.2 Name the shape of the shaded part of the 3-D object.  
\_\_\_\_\_ (1)

13.3 How many faces does the 3-D object have? \_\_\_\_\_ (1)

[3]

14. Name one of the 2-D shapes that is drawn in the picture below.



\_\_\_\_\_

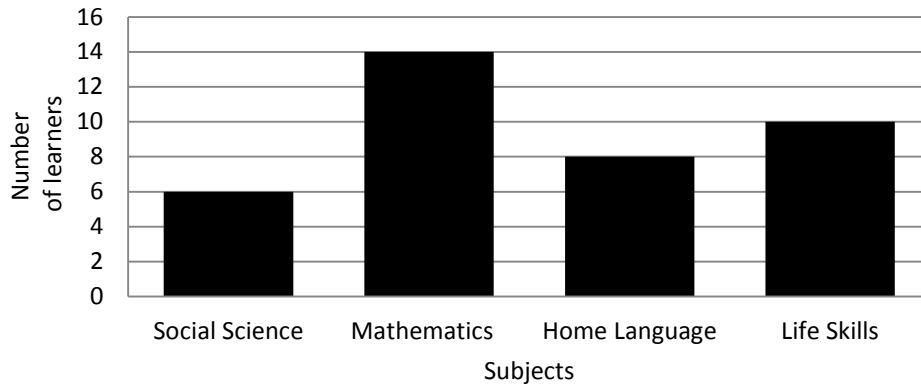
[1]

15. Five children play tennis. Each child plays against each of the other children once.  
How many matches are played?

[2]

16. Use the graph below to answer the questions that follow.

### Grade 4 learners' favourite subjects



16.1 How many different subjects were used in the survey? (1)

\_\_\_\_\_

16.2 Which subject is least liked by the Grade 4 learners? (1)

\_\_\_\_\_

16.3 Complete the frequency table.

Subject	Tally Marks	Frequency
_____	<del>    </del> /	6
Mathematics	<del>    </del> <del>    </del>	_____
Home Language	_____	8

(3)

[5]

**TOTAL: 50**



