



# basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

MARKS

## ANNUAL NATIONAL ASSESSMENT 2014 GRADE 3 MATHEMATICS: ENGLISH TEST

MARKS: 40

TIME: 1 HOUR

PROVINCE \_\_\_\_\_

DISTRICT \_\_\_\_\_

CIRCUIT \_\_\_\_\_

SCHOOL NAME \_\_\_\_\_

EMIS NUMBER (9 digits)

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CLASS (e.g. 3A) \_\_\_\_\_

SURNAME \_\_\_\_\_

NAME \_\_\_\_\_

GENDER (✓)

BOY

GIRL

DATE OF BIRTH

C	C	Y	Y	M	M	D	D
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This test consists of 13 pages excluding the cover page.

### Instructions to learners:

1. Answer all the questions in the spaces or frames provided.
2. All working must be shown on the question paper.
3. You may not use a calculator.
4. The test is out of 40 marks.
5. The test duration is 60 minutes.
6. The teacher will take you through the practice exercise.

### Practice exercise

Calculate:  $125 + 64$

Answer: by using mental mathematics.

$$125 + 64 = 189$$

or

Answer: by using the 'breaking down' method.

$$\begin{aligned}125 + 64 \\ &= 100 + 20 + 5 + 60 + 4 \\ &= 100 + 20 + 60 + 5 + 4 \\ &= 100 + 80 + 9 \\ &= 189\end{aligned}$$

or

Answer: by using the 'adding-on' method.

$$125 + 64 \longrightarrow 125 + 60 + 4 \longrightarrow 185 + 4 \longrightarrow 189$$

You may not use the 'vertical column' method.

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

1. Arrange 432, 324, 243, 342 from the smallest to the greatest.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2. Count backwards in 100s from 521 to 121.

521; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 121

Circle the letter of the correct answer from question 3-6.

3. 37 doubled =

A 78

B 67

C 74

D 66

4. 3.15 a.m. on an analogue clock shows that the time is ...

A quarter past three in the morning.

B quarter past three in the evening.

C quarter to three in the morning.

D quarter to three in the evening.

5. Round off 132 to the nearest 10.

A 140

B 135

C 130

D 100

6. Break down the number 254 into hundreds, tens and units.

A  $200 + 50 + 4$

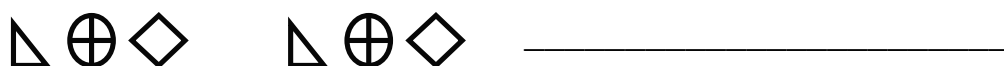
B  $200 + 5 + 4$

C  $200 + 5 + 40$

D  $200 + 50 + 40$

7. Complete 7.1 and 7.2.

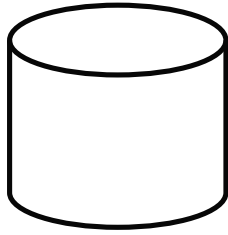
7.1 Repeat the pattern once.



7.2 Count forwards in 20s.

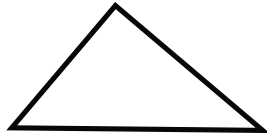
220; 240; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

8. Write down the name of the given object below.



\_\_\_\_\_

9. Write down the name of the given shape below.



\_\_\_\_\_

10. Draw only one line of symmetry on the following shape.



11. Write down the number symbol for three hundred and thirty-six.

\_\_\_\_\_

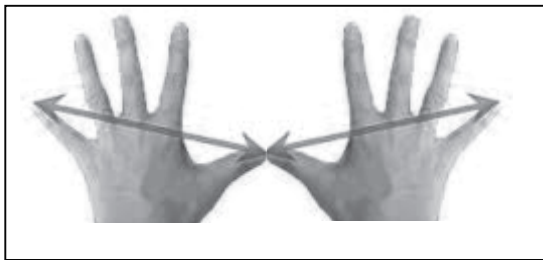
12. Write down the number name for 165.

\_\_\_\_\_

13. Write down the value of the underlined digit in the number:

472 \_\_\_\_\_

14. The hand span of each hand is 10 cm.



Together the hand spans are \_\_\_\_\_cm.

Complete the following sentences in 15 and 16.



15. The mass of the above washing powder is measured in \_\_\_\_\_.



16. The capacity of the above bottle is measured in \_\_\_\_\_.

17. Answer questions 17.1 and 17.2.

17.1 Nelson eats 2 pieces of the chocolate shown below.



What fraction of the chocolate did Nelson eat? \_\_\_\_\_

17.2 Zinzi eats a quarter of the chocolate shown below.



How many pieces did Zinzi eat? \_\_\_\_\_



18. Calculate the answer in questions 18.1 and 18.2.

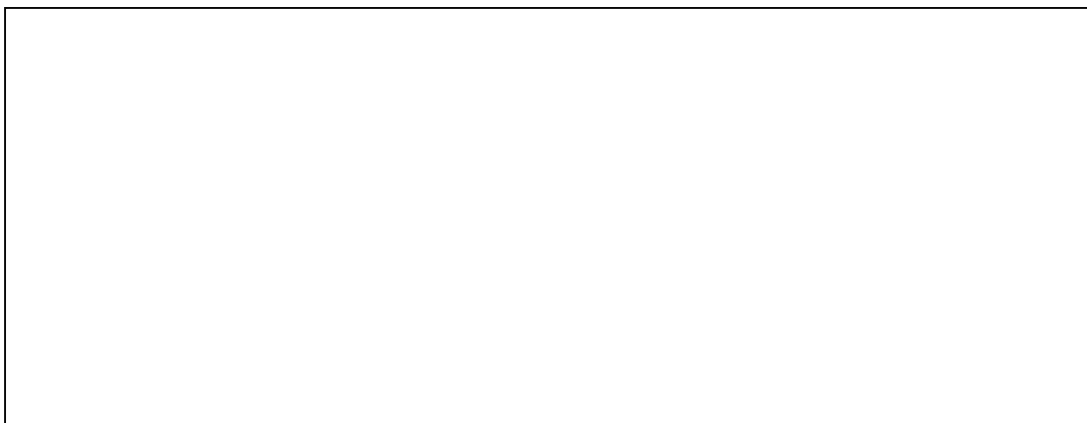
18.1 In the toy box there are 12 soccer balls, 12 rugby balls and 12 tennis balls. How many balls are there altogether?



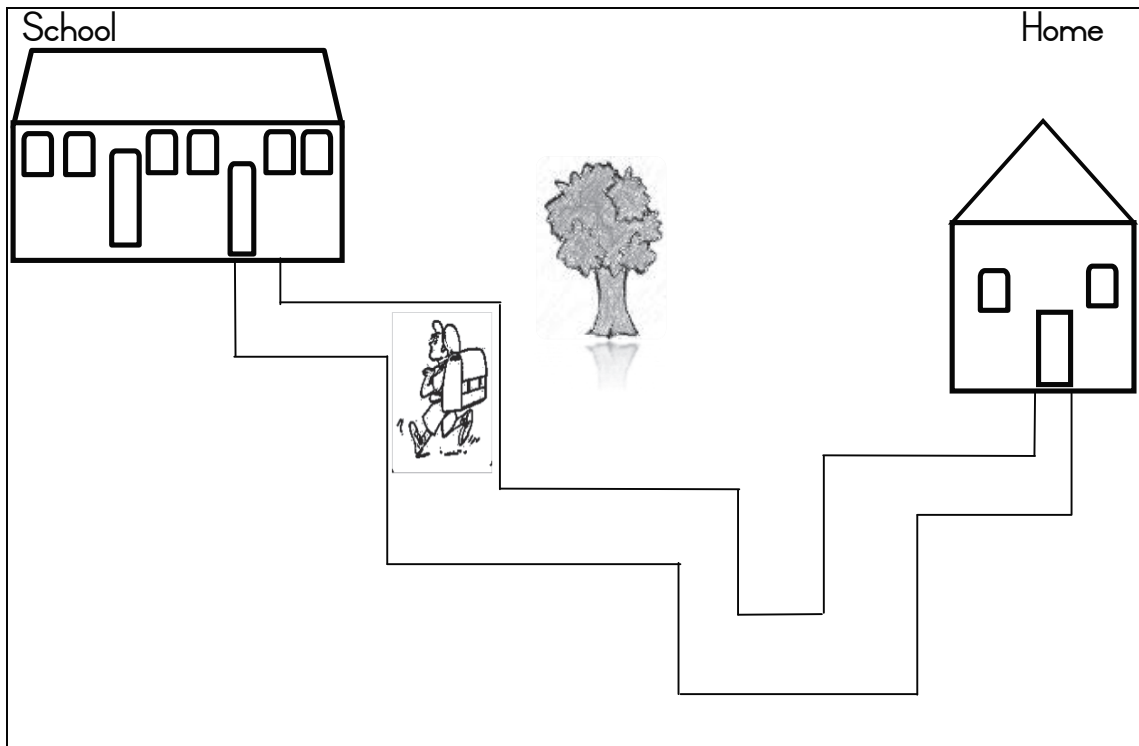
18.2  $5 \times 10 =$  \_\_\_\_\_

19. Mum shared 42 sweets equally amongst her 3 children.

How many sweets did each child get?



20. Look at the picture and answer the questions below.



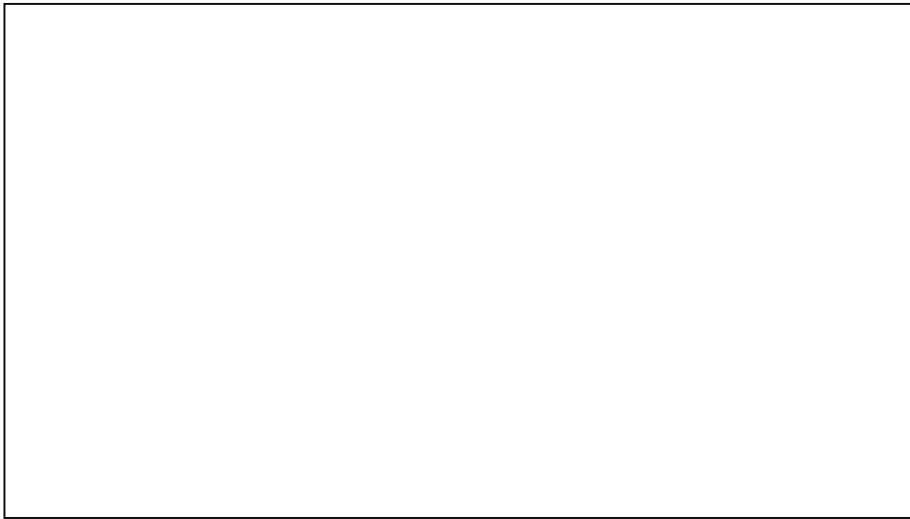
20.1 How many turns does Thato take from home to school?

\_\_\_\_\_

20.2 When Thato walks to school, will the tree be on his left or right?

\_\_\_\_\_

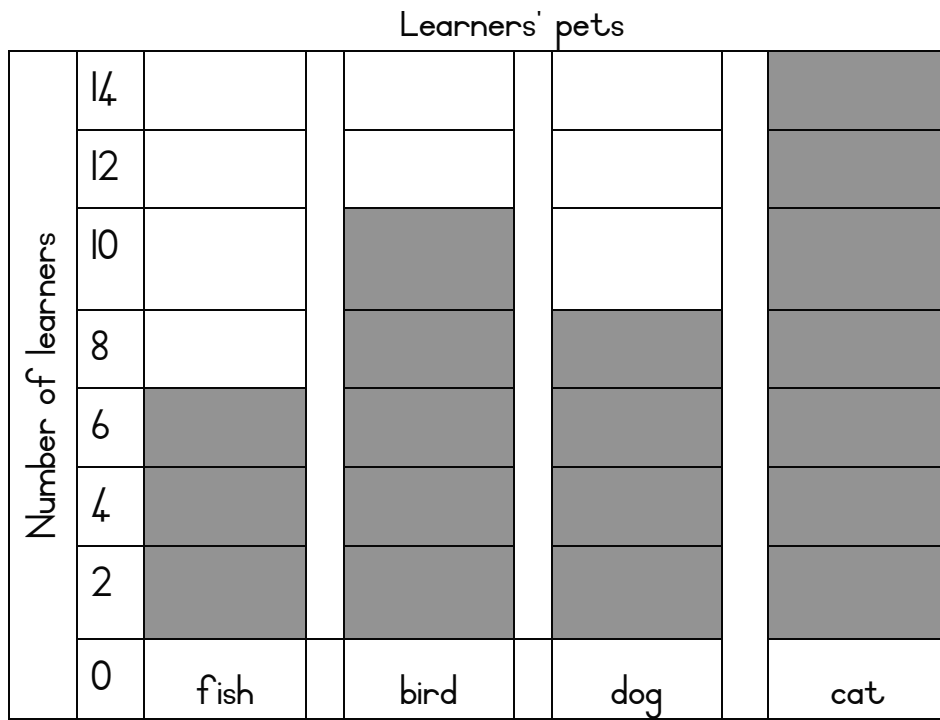
21. Calculate  $245 + 153$  by using the 'adding-on' method.



22. Calculate  $489 - 256$  by using the 'breaking down' method.






23. Study the bar graph and answer the questions that follow.



23.1 Which is the most popular pet? \_\_\_\_\_

23.2 How many learners like dogs? \_\_\_\_\_

24. Read the price list below and answer the questions that follow.

 R25,00	 R13,50	 R18,25
Drum	Guitar	Trumpet

24.1 Which two musical instruments can you buy for exactly R38,50?

\_\_\_\_\_

24.2 Jack buys a trumpet and pays with a R50 note. How much change will he get?

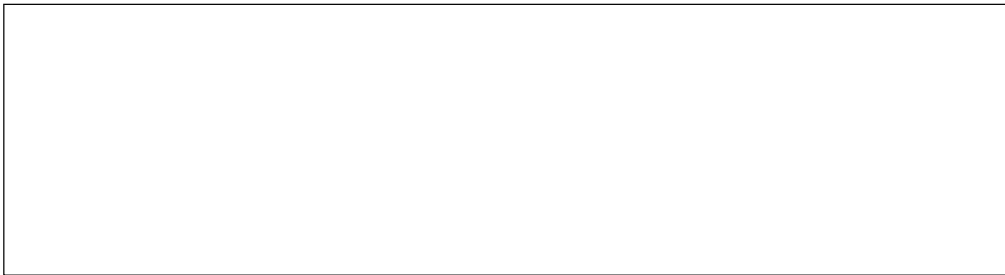
He will get R \_\_\_\_\_, \_\_\_\_\_

25. Convert:

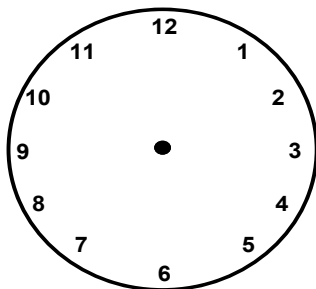
25.1 R3,50 = \_\_\_\_\_c

25.2 200c = R\_\_\_\_\_ , \_\_\_\_\_

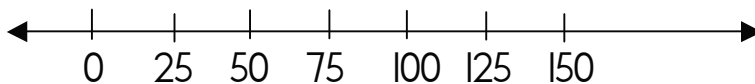
26. Calculate  $42 \div 2$ .



27. Draw the hands on the analogue clock to show that the time is 05:15.



28. Draw jumps on the number line to show that  $25 + 25 = 50$ .



TOTAL: 40



