



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MARKS	
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ANNUAL NATIONAL ASSESSMENT 2013 GRADE 3 MATHEMATICS TEST

MARKS: 40

TIME: 1 HOUR

PROVINCE _____

REGION _____

DISTRICT _____

SCHOOL NAME _____

EMIS NUMBER (9 digits)

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CLASS (e.g. 3A) _____

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. Answer all the questions in the spaces or frames provided.
2. All working must be shown on the question paper and must not be done on rough 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

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

You may not use the 'vertical column' method.

The test starts on the next page.

Circle the letter of the correct answer for questions 1-6.

1. Arrange 172, 217, 127, 712 from the smallest to the greatest.

A 217, 127, 721, 172

B 721, 217, 172, 127

C 172, 127, 721, 217

D 127, 172, 217, 712

2. Break down the number 489.

A $80 + 900 + 4$

B $400 + 80 + 9$

C $90 + 40 + 80$

D $800 + 90 + 40$

3. 39 doubled =

A 69

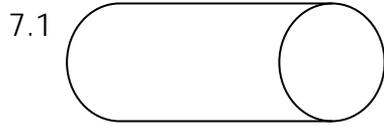
B 79

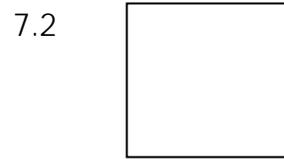
C 78

D 96

4. Round off 642 to the nearest 10.
- A 700
 - B 655
 - C 640
 - D 600
5. 9:45 a.m. on an analogue clock shows that the time is ...
- A quarter past ten in the evening.
 - B quarter past ten in the morning.
 - C quarter to ten in the evening.
 - D quarter to ten in the morning.
6. Arrange 1 half, 1 quarter, 1 third, 1 fifth from the greatest to the smallest.
- A 1 quarter, 1 half, 1 fifth, 1 third
 - B 1 half, 1 third, 1 quarter, 1 fifth
 - C 1 third, 1 fifth, 1 quarter, 1 half
 - D 1 fifth, 1 quarter, 1 third, 1 half

7. Write the name of the given 3-D object and 2-D shape.





8. Repeat the diagram pattern once more.



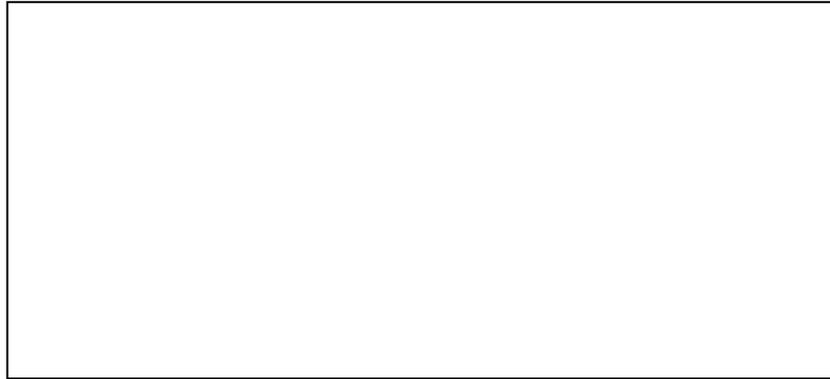
9. Calculate each of the following by using the 'breaking-down' method:

9.1 $795 - 213$



9.2

$584 + 137$



10. Complete the table:

10.1	Count forwards in 100s	584				
10.2	Count backwards in 20s	320				240

11. Write the number name for 468.

12. Write the number symbol for three hundred and sixty.

13. Write the value of the underlined digit in the number 754.

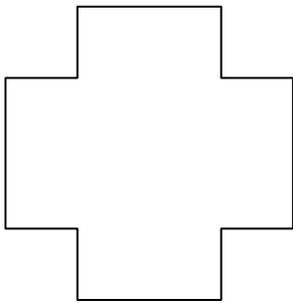
14. Complete:

$$4 + 4 + 4 + 4 + 4 + 4 = \underline{\hspace{2cm}} \times 4$$

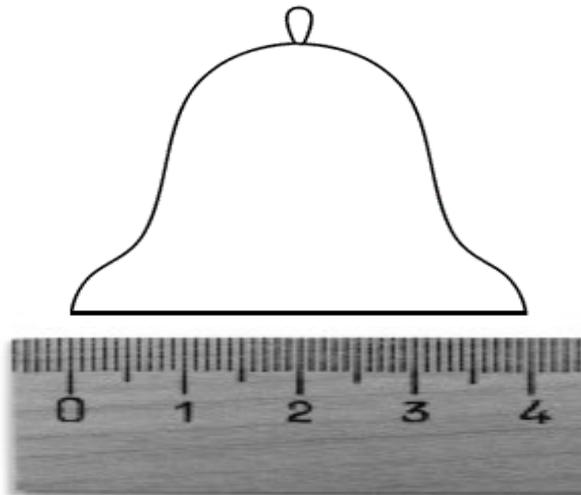
15. Write the next number in the number sequence below.

125; 175; 225; 275;

16. Draw **one** line of symmetry on the following shape:

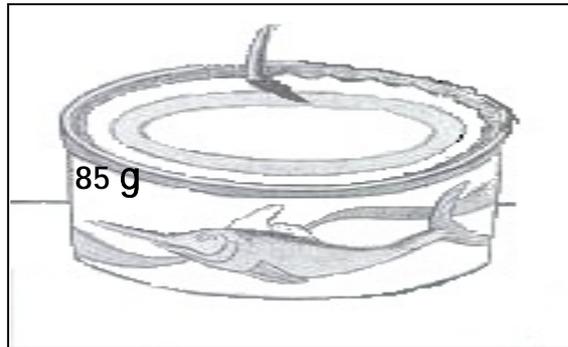


17. Write the width of the bell.

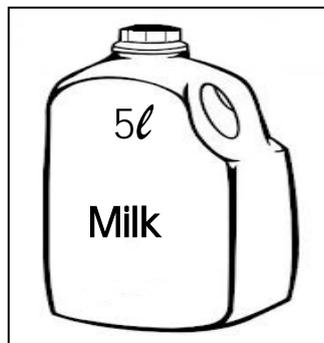


Width = cm

18. Circle the correct word in brackets for each of the sentences below.



18.1 The mass of the can of fish is measured in (grams; centimetres).

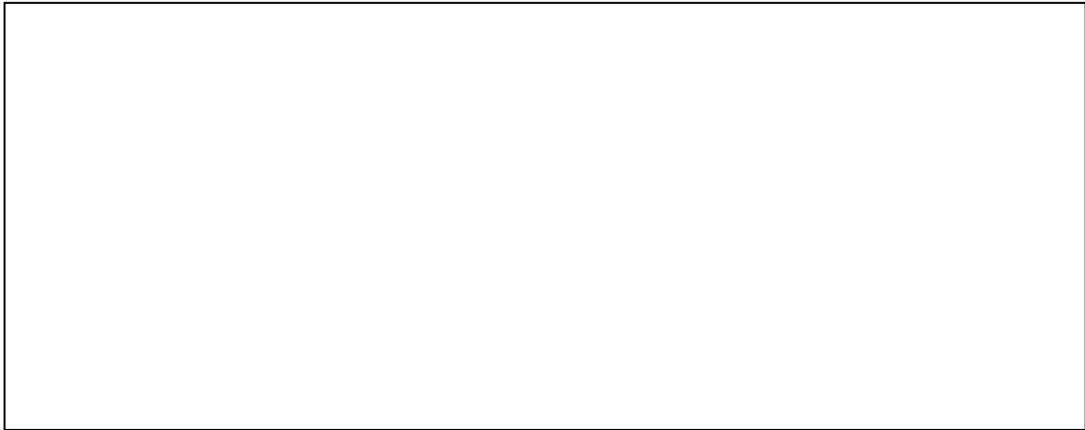


18.2 The capacity (content) of the bottle of milk is measured in (metres; litres).

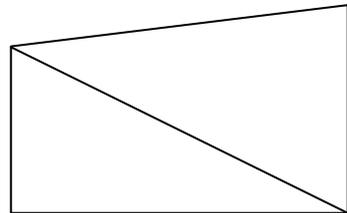
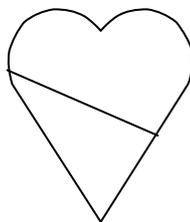
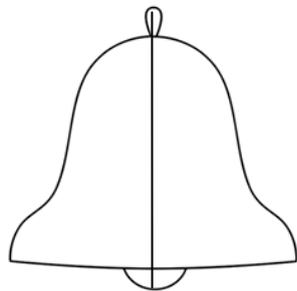
19. John, Jim and Joan each have 37 lollipops.

How many lollipops do they have altogether?

20. There are 36 chocolates in a box. Each child gets 5 chocolates. How many children got chocolates? How many chocolates were left over?



21. Circle the shape that is divided in half.



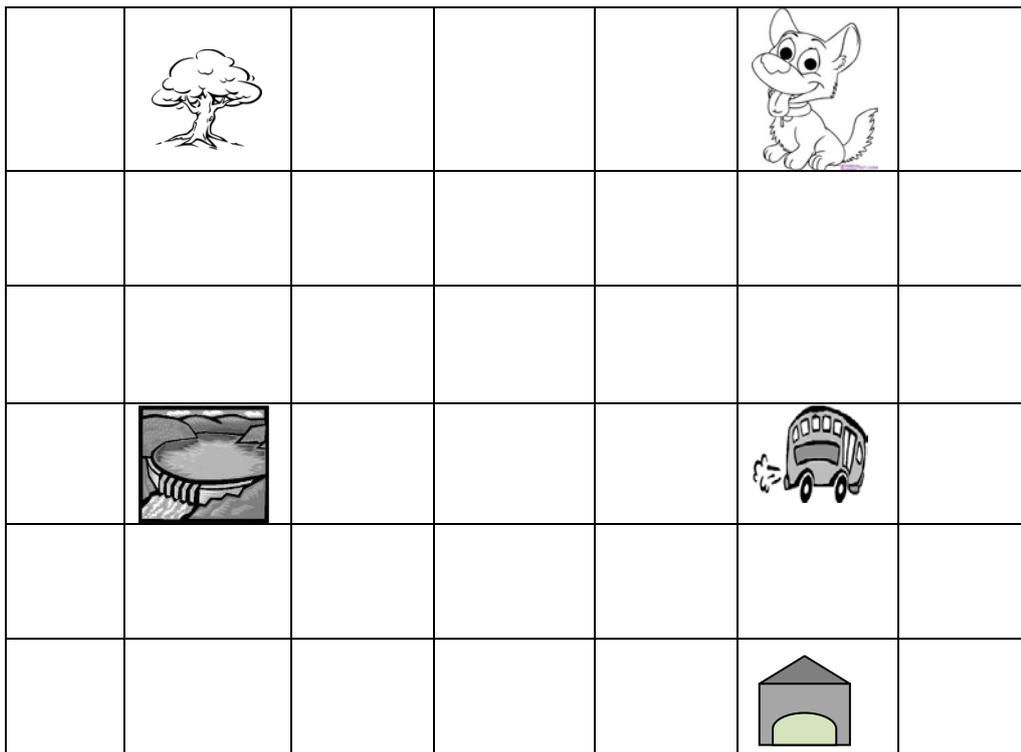
22. Help the puppy to find his way to his kennel.

The puppy runs to the tree.

He feels thirsty and runs to the dam to drink water.

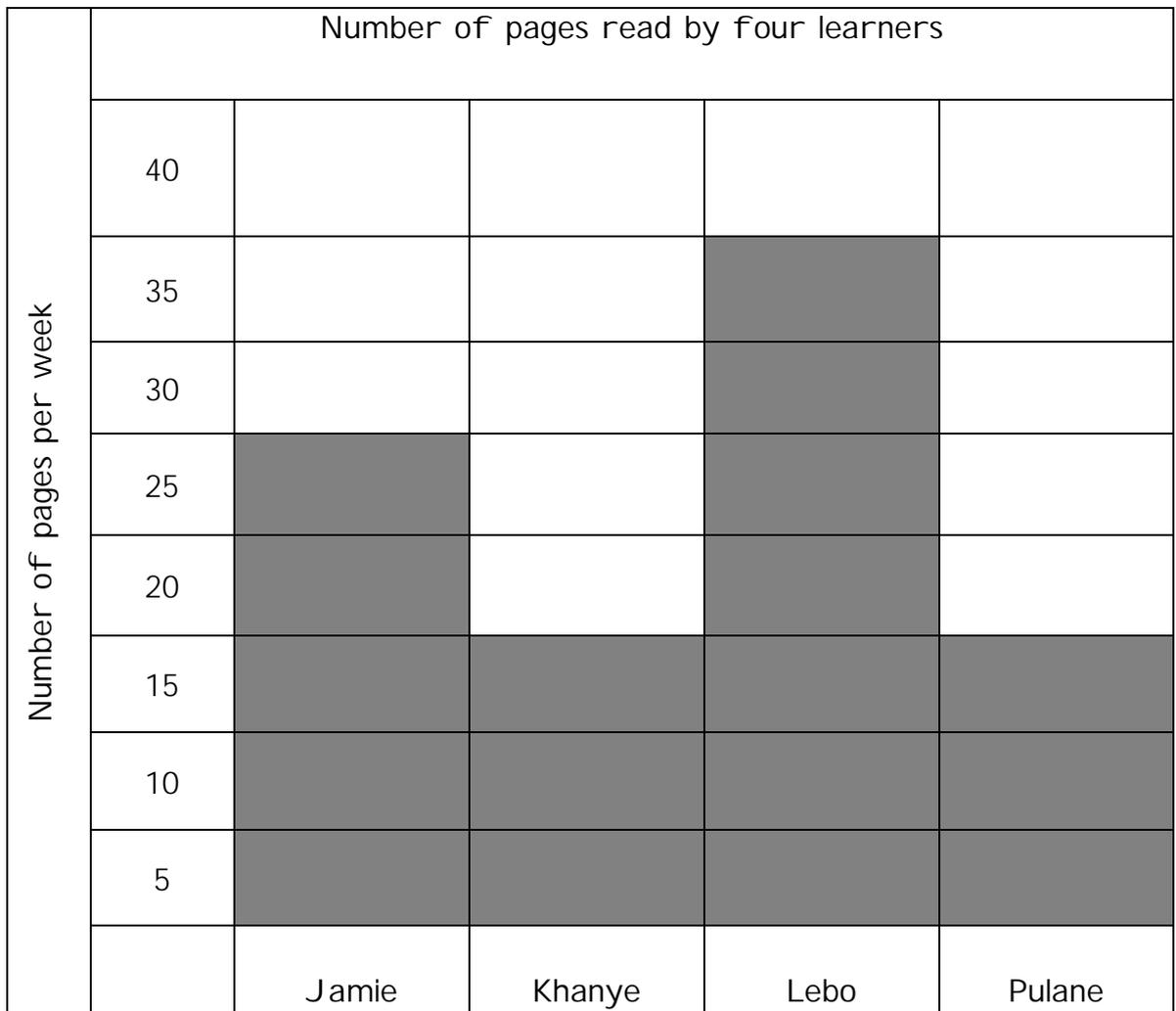
He runs to the bus and then to his kennel.

22.1 Draw arrows in the grid to show how he ran.



22.2 How many blocks did he run altogether? _____

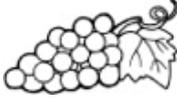
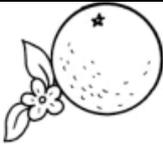
23. Study the graph and then answer the questions that follow.



23.1 Which learners read an equal number of pages?

23.2 Who read the most pages?

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

Price list		
Bunch of grapes	R5,50	
Pineapple	R10,00	
Apple	R5,50	
Orange	R6,00	

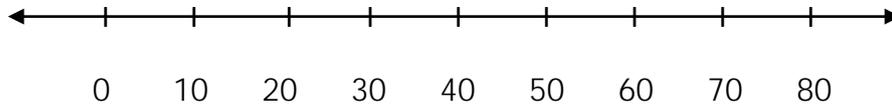
24.1 How much will 2 pineapples cost?

R_____

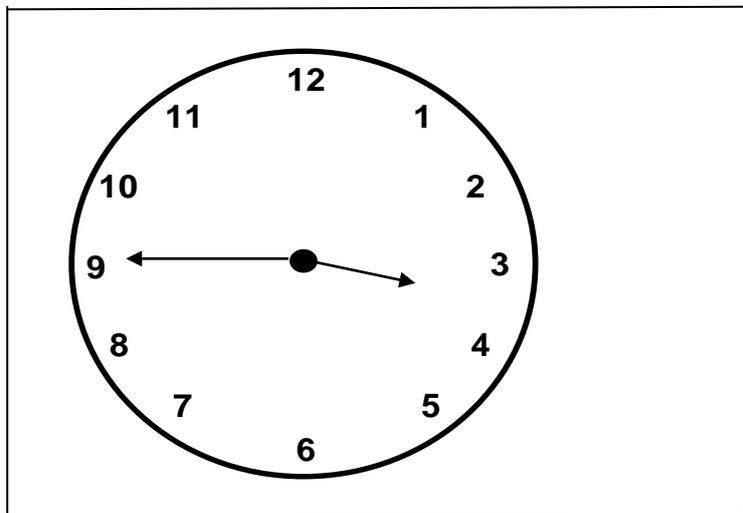
24.2 How much change must I get if I buy one orange and pay with R10,00?

R_____

25. Show how you will use the number line to calculate $20 + 30$.

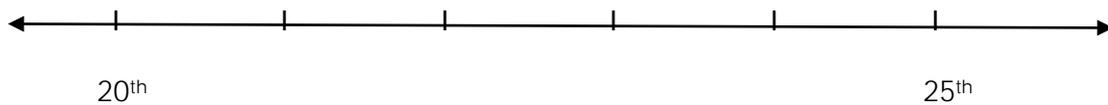


26. Complete the sentence below.



The time on the analogue clock reads _____

27. Fill in the missing ordinal numbers on the number line.



Total: 40