



Province of the
EASTERN CAPE
EDUCATION

FOUNDATION PHASE

GRADE 3

NOVEMBER 2016

MATHEMATICS

MARKS: 40

TIME: 1 hour

NAME: _____



This question paper consists of 8 pages.

INSTRUCTIONS AND INFORMATION

1. Answer all the questions in the spaces and boxes provided.
2. The teacher will lead you through the practice questions before you start.
3. The test duration is 60 minutes.
4. The test counts 40 marks.

PRACTICE EXERCISE

1 Calculate $658 - 436$ by using any 'breaking down' method.
--

	<p>You have answered the question correctly if your answer is 222.</p> $658 - 436$ $= 600 + 50 + 8 - 400 - 30 - 6$ $= (600 - 400) + (50 - 30) + (8 - 6)$ $= 200 + 20 + 2$ $= 222$

2. Complete the following pattern: 124, 127, 130, __, __, __	<p>You have answered the question correctly if your answer is 133, 136, 139.</p>
---	--

<p>3. Circle the letter of the correct answer. Round off 134 to the nearest 10.</p> <p>A 140</p> <p>B 130</p> <p>C 135</p> <p>D 145</p>	<p>You have answered the question correctly if you circled the letter B.</p> <p>A 140</p> <p>B <u>130</u></p> <p>C 135</p> <p>D 145</p>
---	---

THE TEST STARTS ON THE NEXT PAGE.

QUESTIONS:

CIRCLE THE LETTER OF THE CORRECT ANSWER FOR QUESTIONS 1 - 4.

1. Double 123.

- A 226
- B 246
- C 264
- D 236

2. Round off 87 to the nearest 10.

- A 85
- B 80
- C 100
- D 90

3. Another number sentence for: $11 + 11 + 11 =$

- A 11×3
- B 11×11
- C $11 + 3$
- D $11 \div 3$

4. $31 + \square + 20 = 160$

- A 211
- B 109
- C 169
- D 221

5. Write the number symbol for:

5.1 six hundred and eight _____

5.2 eight hundred and twenty two _____

6. Write the number name for:

6.1 486 _____

6.2 739 _____

7. Count backwards in 3s.

7.1 873; 870; _____; _____; _____; 858

7.2 735; 732; _____; _____; _____; 720

8. Count forwards in 5s.

8.1 785; 790; _____; _____; 805; _____

8.2 800; 805; _____; _____; _____; 825

9. Complete the following patterns.

9.1 472, 475, _____, _____, _____

9.2 144, 148, _____, _____, _____

9.3 245, 265, _____, _____, _____

10. Half the following numbers.

10.1 146 _____

10.2 230 _____

11. Complete:

11.1 $9 \times 4 = \underline{\hspace{2cm}} \times 9$

11.2 $87 - \underline{\hspace{2cm}} = 75$

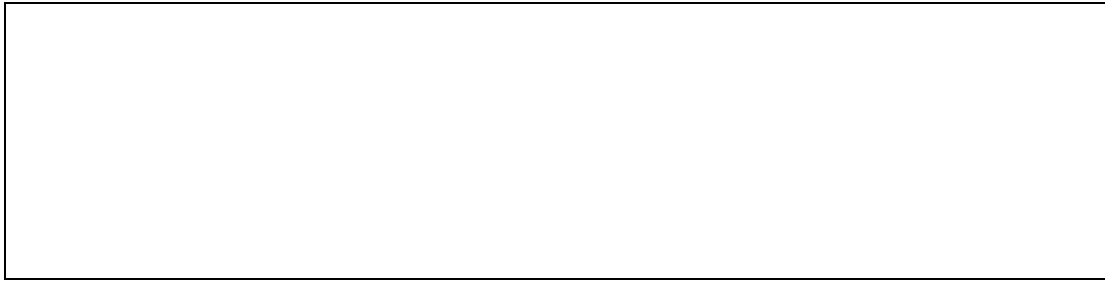
11.3 $45 + \underline{\hspace{2cm}} = 98$

Calculate question 12 and 13.

12. $463 + 216$

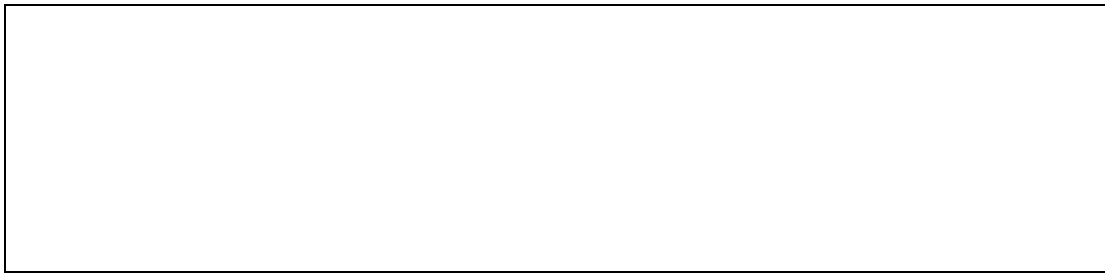
13. $679 - 457$

14. Sam planted 9 rows of carrots with 5 in each row. How many carrots did he plant altogether?



He planted _____ carrots altogether.

15. There were 367 cans of cool drink in the fridge. Mom put in another 132 cans. How many cans are now in the fridge?



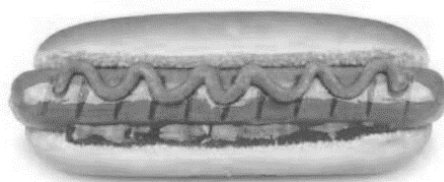
There are _____ cans in the fridge.

16. Show this number sentence in a number line:

$$45 + 20 = 65$$

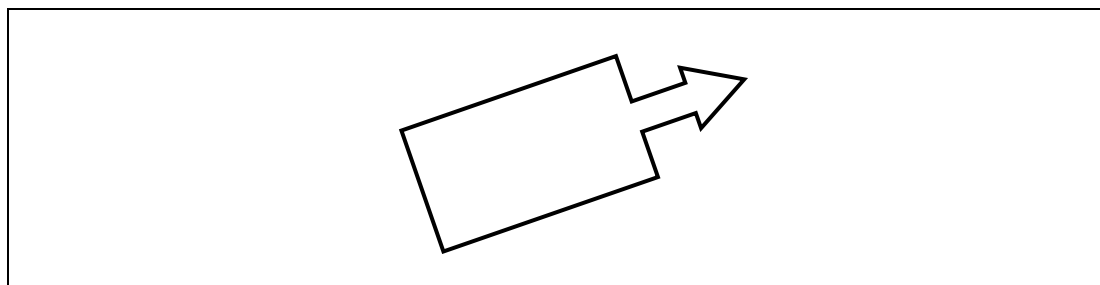


17. Nana sells hotdogs at R4 each. Fill in the table to help her find the amount for large orders.

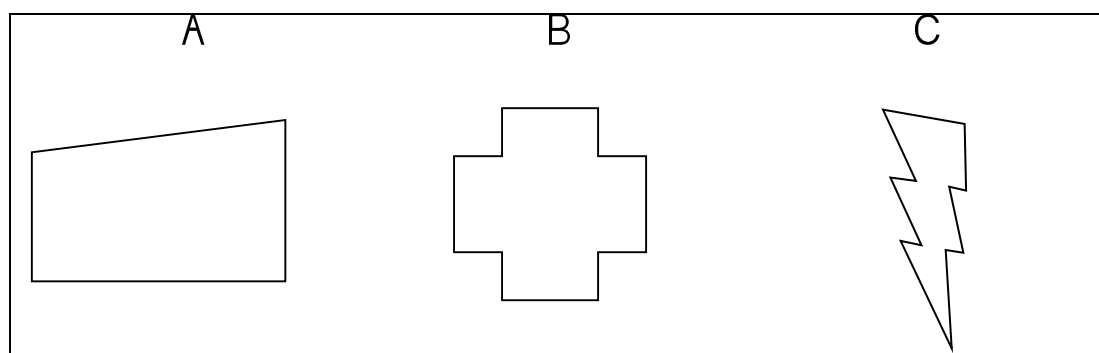


Number of hotdogs	1	2	3	4	10
Cost in R	4	8	12		

18. Draw a line of symmetry on the shape below:



19. Mark with "✓" the shape that has a line of symmetry.

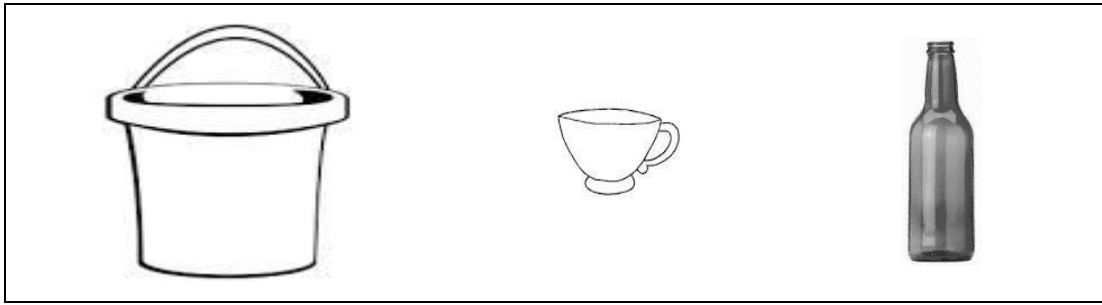


20. Underline the correct answer.

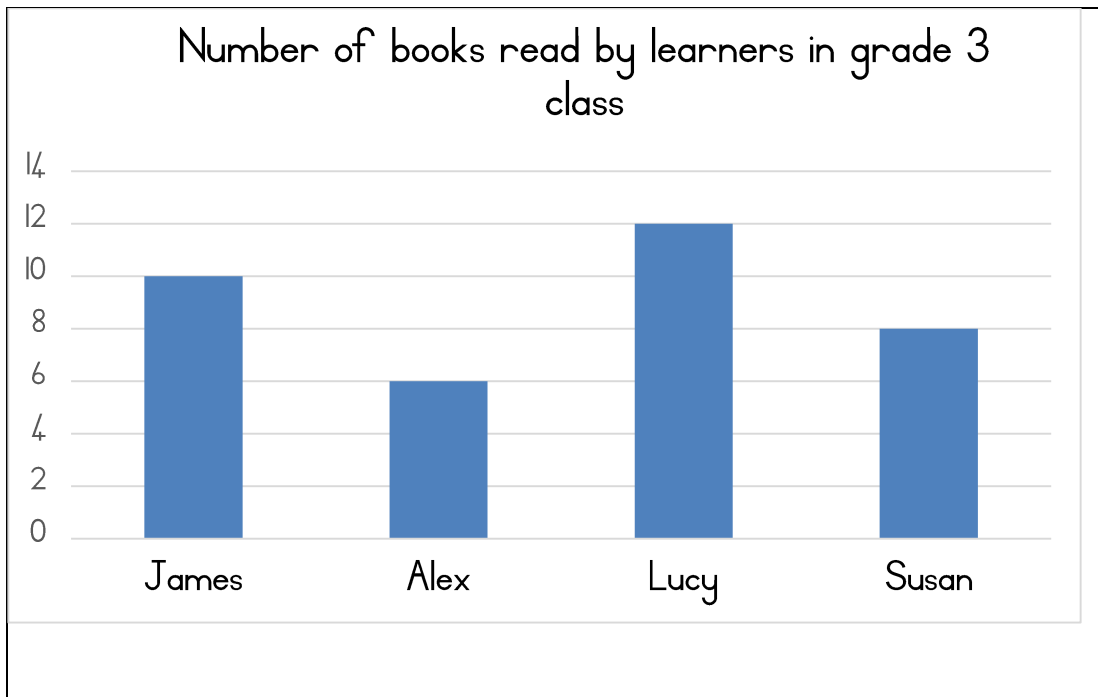
20.1 Water is measured in (*l*, *m*, *g*).

20.2 A half-litre bottle can be filled with (2, 4, 6) 250 millilitre cups.

21. Mark the object that can hold more water with a "✓".



22. Study the graph and answer the questions.



- 22.1 Who reads the most books? _____
- 22.2 Who reads the least books? _____
- 22.3 How many more books did James read than Susan?

TOTAL: 40