

Year 5 Maths Practice Paper 2

This paper covers: Place value, Addition and subtraction, Multiplication and division, Fractions, Decimals and percentages, Decimals, Shape, Position and direction, Perimeter and area, Converting units, Volume.

TIME ALLOWED
35 minutes
TOTAL MARKS
29
QUESTIONS
24

Name _____

Class _____ Date _____

INSTRUCTIONS

- Use a pencil or a black pen.
- Answer every question in the space given.
- You may not use a calculator.
- Show your working. Some marks are given for a correct method, even when the answer is wrong.

INFORMATION

- The marks for each question are shown in brackets, for example [1 mark].
- The questions start easier and get harder as you go.
- Check your answers if you have time at the end.

FOR THE MARKER

Score _____ **out of 29**

Percentage _____ %

01 Questions

Answer every question. Show your working.

- 1** Change 8 km into metres.

[1 mark]

ANSWER

- 2** Work out $\frac{3}{8} - \frac{2}{8}$. Write your answer as a fraction.

[1 mark]

ANSWER

- 3** Work out $\frac{2}{6} + \frac{3}{6}$. Write your answer as a fraction.

[1 mark]

ANSWER

- 4** Cut every part of the bar so it shows $\frac{1}{4}$ as 16ths. Draw lines to cut each part of the bar.

[1 mark]



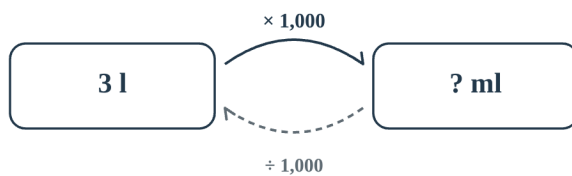
[1 mark]



[1 mark]



[1 mark]



ANSWER

Page 10

[1 mark]

ANSWER

Page 10

- 9 The second row shows a number after it was multiplied by 10. What was the number before? [1 mark]

Th	H	T	O	t
	6	8	0	

ANSWER

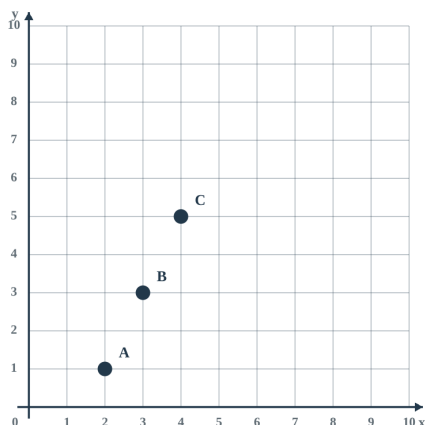
- 10 The wall shows $1\frac{1}{5}$ and $1\frac{7}{10}$ shaded. Which is bigger? Circle your answer. [1 mark]

☐ They are equal

☐ $1\frac{7}{10}$

☐ $1\frac{1}{5}$

- 11 The points follow a pattern. The fourth point is missing: what are its coordinates? Write both answers. [1 mark]



ANSWER

- 12 Complete the layout to find $29,958 + 38,536$. Write the digits in the boxes. [1 mark]

$$\begin{array}{r}
 \boxed{}\boxed{} \\
 29958 \\
 + 38536 \\
 \hline
 \boxed{}\boxed{}\boxed{}\boxed{}\boxed{}
 \end{array}$$

- 13 Draw a line 9.5 cm long, starting at the ruler's zero. Draw the line along the ruler. [1 mark]



- 14 Use the line. What is 1,000 less than the marked number? [1 mark]



ANSWER

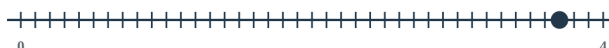
- 15 Start at $\frac{6}{12}$ on the line in twelfths. Make the jump for $+\frac{8}{12}$. Draw the jumps on the number line. [1 mark]



- 16 Build a square of counters with 7 in each row. Draw the array. [1 mark]



- 17 Start at $3\frac{7}{10}$ on the line in tenths. Make the jump for $+\frac{2}{10}$. Draw the jumps on the number line. [1 mark]



18 Which is larger, $31,300 + 10,000$ or $61,300 - 10,000$? Circle your answer. [1 mark]

- ☐ They are equal ☐ $31,300 + 10,000$ ☐ $61,300 - 10,000$

19 One bus leaves every 5 minutes and another every 12 minutes. They leave together now, so how many minutes until they next leave together? [2 marks]

ANSWER

20 80 stickers are arranged in 20 equal rows for a display. How many are in each row? [2 marks]

ANSWER

21 Ben has 70 red beads and 20 blue beads, and makes identical bracelets using them all. What is the largest number of bracelets Ben can make? [2 marks]

ANSWER

22 A teacher tries to set out 29 chairs in more than one equal row and cannot do it. Why not? Circle your answer. [1 mark]

- ☐ 29 is an odd number, and odd numbers never make rows
☐ 29 is too small to make equal rows
☐ 29 is prime, so it has no factors but 1 and itself

23 A school collected 60,217 tokens, and 32,276 were spent. How many tokens are left? [2 marks]

ANSWER

24 A box is 3 cubes long, 3 cubes wide and 3 cubes tall. How many cubes fill it? [2 marks]

ANSWER

Practice Paper 2

FOR THE MARKER

The marks for every question, the answers to accept and what to award for part of an answer. 29 marks in total.

1	8000 metres	[1 mark]
2	$\frac{1}{8}$	[1 mark]
3	$\frac{5}{6}$	[1 mark]
4	each part cut into 4, making 16 parts <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
5	9 in the 1 column, 6 in the 0.1 column <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
6	0.8 <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
7	3000 millilitres	[1 mark]
8	64	[1 mark]
9	68	[1 mark]
10	$1\frac{7}{10}$ <i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>	[1 mark]
11	5 and 7	[1 mark]
12	Carry into the tens 1; Carry into the thousands 1; Carry into the ten thousands 1; Ones 4; Tens 9; Hundreds 4; Thousands 8; Ten thousands 6 <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
13	9.5 <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
14	6000	[1 mark]
15	land on 1.1666666666666667 <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]

16	7 rows of 7	[1 mark]
<i>Award the mark when the drawing or marking matches the answer shown.</i>		
17	land on 3.9	[1 mark]
<i>Award the mark when the drawing or marking matches the answer shown.</i>		
18	61,300 – 10,000	[1 mark]
<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>		
19	60 minutes	[2 marks]
<i>Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.</i>		
20	4	[2 marks]
<i>Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.</i>		
21	10	[2 marks]
<i>Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.</i>		
22	29 is prime, so it has no factors but 1 and itself	[1 mark]
<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>		
23	27941	[2 marks]
<i>Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.</i>		
24	27	[2 marks]
<i>Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.</i>		

Total

29 marks