

Year 5 Maths Practice Paper 1

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
28
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 28**

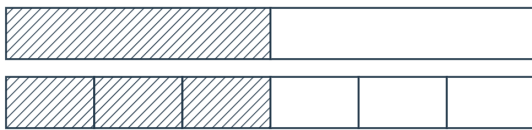
Percentage _____ %

01 Questions

Answer every question. Show your working.

- 1** The two bars are the same length. Do they show the same amount shaded? Circle your answer. [1 mark]

- ☐ Yes, the same amount
☐ No, the top bar shows more
☐ No, the bottom bar shows more



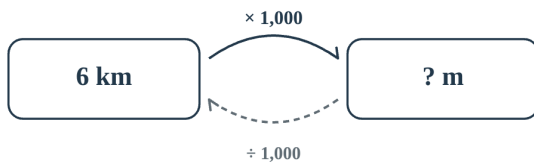
- 2** The bar is cut into 10 equal parts and 1 is shaded. What decimal is shaded? [1 mark]



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ANSWER

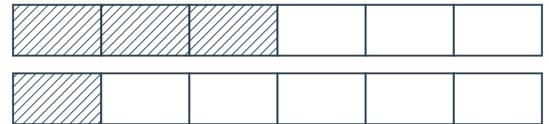
- 3** The ladder shows how kilometres become metres. How many metres are in 6 kilometres? [1 mark]



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ANSWER

- 4** The bar shows $\frac{3}{6}$ in one colour and $\frac{1}{6}$ in another. What fraction is shaded altogether? Write your answer as a fraction. [1 mark]



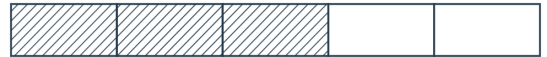
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ANSWER

- 5 Shade the bar to show $\frac{6}{10} + \frac{1}{10}$. [1 mark]



- 6 The bar is cut into 5 equal parts and 3 are shaded. What decimal is shaded? [1 mark]



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ANSWER

- 7 How many counters make up this square? [1 mark]



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ANSWER

- 8 Which sign goes between $1\frac{3}{12}$ and $1\frac{1}{12}$? Circle your answer. [1 mark]

☐ < ☐ = ☐ >

- 9 A rectangle has corners at (2, 1), (6, 1) and (6, 4). What are the coordinates of the fourth corner? Write both answers. [1 mark]

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ANSWER

- 10 7,531 is 100 less than which number? [1 mark]

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ANSWER

- 11** $\frac{1}{6} + ? = \frac{6}{6}$. What fraction is missing? Write your answer as a fraction. [1 mark]

[illegible]

ANSWER

- 12 3,500 ml = ? l. What number goes in the box? Write it as a decimal. [1 mark]

[illegible]

ANSWER

- 13** $2\frac{3}{5} + ? = 3\frac{1}{5}$. What is missing? Write your answer as a fraction. [1 mark]

[illegible]

ANSWER

- 14** Make jumps of 3 along the line from 0 to land on the fifth multiple of 3. Draw 5 jumps of 3 along the line. [1 mark]



- 15 Multiply 6.2 by 100 by moving the digits in the second row. Write the digits in the second row of the chart. [1 mark]

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			6	2

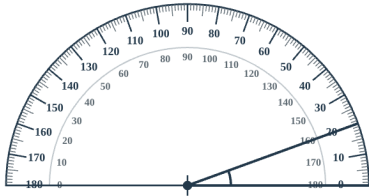
- 16** Work out $10,240 + 85,100$ one column at a time. [1 mark]

$$\begin{array}{r} 10240 \\ + 85100 \\ \hline \end{array}$$

[illegible]

ANSWER

- 17** Make an angle of 40 degrees. [1 mark]
One arm lies along the protractor's zero line; move the other. Draw the angle with a ruler and protractor.



- 18** A shop had 35,600 points on its card and Ava adds 4,000 more. How many points are on the card now? [2 marks]

[illegible]

ANSWER

- 19 What is the second smallest number that both 4 and 7 divide into? [1 mark]

[illegible]

ANSWER

- 20** How many factors does 54 have altogether, counting 1 and 54 themselves? [2 marks]

[illegible]

ANSWER

- 21** How many factors do 18 and 15 share altogether? [2 marks]

[illegible]

ANSWER

- 22 Which cube number comes straight after 125? [1 mark]

[illegible]

ANSWER

Practice Paper 1

FOR THE MARKER

The marks for every question, the answers to accept and what to award for part of an answer. 28 marks in total.

1	Yes, the same amount	[1 mark]
	<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>	
2	0.1	[1 mark]
3	6000 metres	[1 mark]
4	$\frac{4}{6}$	[1 mark]
5	7 of the 10 parts shaded	[1 mark]
	<i>Award the mark when the drawing or marking matches the answer shown.</i>	
6	0.6	[1 mark]
7	16	[1 mark]
8	>	[1 mark]
	<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>	
9	2 and 4	[1 mark]
10	7631	[1 mark]
11	$\frac{5}{6}$	[1 mark]
12	3.5 litres	[1 mark]
13	$\frac{3}{5}$	[1 mark]
14	+3, +3, +3, +3, +3	[1 mark]
	<i>Award the mark when the drawing or marking matches the answer shown.</i>	
15	each digit moves 2 places to the left	[1 mark]
	<i>Award the mark when the drawing or marking matches the answer shown.</i>	
16	95340	[1 mark]

17	40°	[1 mark]
Award the mark when the drawing or marking matches the answer shown.		
18	39600	[2 marks]
Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.		
19	56	[1 mark]
20	8	[2 marks]
Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.		
21	2	[2 marks]
Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.		
22	216	[1 mark]
23	3	[2 marks]
Award 2 marks for the correct answer. Award 1 mark for a correct method with no more than one arithmetic error.		
24	The column that was exchanged from was not reduced by one	[1 mark]
Award the mark for the correct choice only. Two or more choices marked scores no mark.		

Total	28 marks
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