

Year 5 Maths Practice Paper 3

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
30 minutes
TOTAL MARKS
26
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 26**

Percentage _____ %

Answer every question. Show your working.

[1 mark]

ANSWER

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[1 mark]

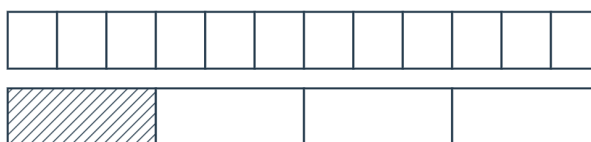
ANSWER

[1 mark]

ANSWER

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[1 mark]



- 5 The line is marked in kilometres. Mark 100 m on it. Draw an arrow on the number line. [1 mark]



- 6 Look at the ones column. What is $7 + 1$? [1 mark]

$$\begin{array}{r}
 \boxed{} \\
 60197 \\
 + 15181 \\
 \hline
 \boxed{}\boxed{}\boxed{}\boxed{}\boxed{}
 \end{array}$$

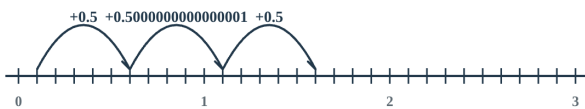
ANSWER

- 7 These 26 counters are in equal rows with none left over. How many rows are there? [1 mark]



ANSWER

- 8 The jumps on the line are all the same size. Where does the next jump land? [1 mark]



ANSWER

9 What is 11 squared? [1 mark]

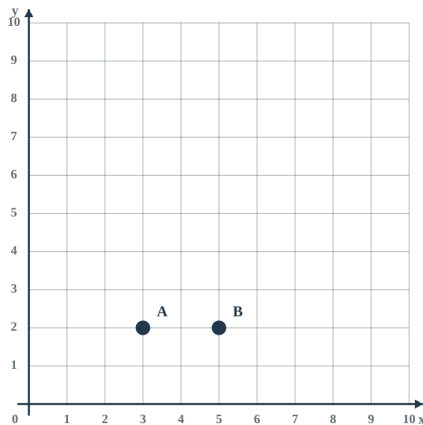
ANSWER

10 One multiple is missing from this list. What is it? [1 mark]

3 6 9 ? 15

ANSWER

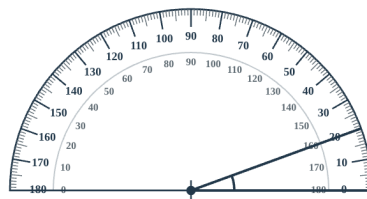
11 A and B are two corners of a square that sits above the line AB. Mark the other two corners. Plot the points on the grid. [1 mark]



12 Start at $\frac{4}{8}$ on the line in eighths. Make the jump for $-\frac{1}{8}$. Draw the jumps on the number line. [1 mark]



- 13 Make an obtuse angle of 135 degrees with the moving arm. Draw the angle with a ruler and protractor. [1 mark]



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



- 15 Which is 4.1×10 ? Circle your answer. [1 mark]
- ☐ 4.10 ☐ 41 ☐ 410

Th	H	T	O	t
			4	1

- 16 Ben says $\frac{1}{6}$ is bigger than $\frac{1}{3}$ because 6 is bigger than 3. Which fraction is really bigger? Circle your answer. [1 mark]
- ☐ $\frac{1}{6}$, because 6 is bigger
- ☐ They are the same size
- ☐ $\frac{1}{3}$, because thirds are bigger parts than sixths

- 17 Dev says $\frac{9}{12} + \frac{3}{12} = \frac{12}{24}$. What is wrong? Circle your answer. [1 mark]
- ☐ Nothing, that is right
- ☐ The bottom number should stay 12: the answer is $\frac{12}{12}$
- ☐ The top should be 27

18 Start at 41,200, add 30,000, then take away 70,000. What number do you reach? [2 marks]

ANSWER

19 Zak has 4,479 stickers and is given one more. How many stickers does Zak have now? [2 marks]

ANSWER

20 Check the answer by adding: what is $57,567 + 34,844$? [1 mark]

ANSWER

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21 Which of these always gives a number that both 8 and 5 divide into? Circle your answer. [1 mark]

- ☐ Add 8 and 5 ☐ Take 8 away from 5 ☐ Multiply 8 by 5

22 How do you know you have found every factor pair of 100? Circle your answer. [1 mark]

- ☐ Stop when you have found five pairs
 ☐ Stop when you reach 50
- ☐ Stop when the two numbers in a pair meet

23 Why does every pair of whole numbers share at least one factor? Circle your answer. [1 mark]

- ☐ Every number can be divided by 2
 ☐ Every number can be divided by 1
- ☐ Every number has an even factor

24

One rectangle has an area of 40 square centimetres. A second rectangle is the same width but twice as long. What is the area of the second one, in square centimetres?

[1 mark]

ANSWER

Practice Paper 3

FOR THE MARKER

The marks for every question, the answers to accept and what to award for part of an answer. 26 marks in total.

1	0.2	[1 mark]
2	0.5	[1 mark]
3	30 millimetres	[1 mark]
4	3 of the 12 parts shaded <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
5	0.1 <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
6	8	[1 mark]
7	2	[1 mark]
8	2.1	[1 mark]
9	121	[1 mark]
10	12	[1 mark]
11	(5, 4), (3, 4) <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
12	land on 0.375 <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
13	135° <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
14	land on 0.875 <i>Award the mark when the drawing or marking matches the answer shown.</i>	[1 mark]
15	41 <i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>	[1 mark]

16	$\frac{1}{3}$, because thirds are bigger parts than sixths	[1 mark]
<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>		
17	The bottom number should stay 12: the answer is $\frac{12}{12}$	[1 mark]
<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>		
18	1200	[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>		
19	4480	[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	92411	[1 mark]
21	Multiply 8 by 5	[1 mark]
<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>		
22	Stop when the two numbers in a pair meet	[1 mark]
<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>		
23	Every number can be divided by 1	[1 mark]
<i>Award the mark for the correct choice only. Two or more choices marked scores no mark.</i>		
24	80 square centimetres	[1 mark]

Total

26 marks