Bond
No.1 for exam success

Maths 11+ Practice Test

Read the instructions carefully.

- Do not begin the test or open the booklet until told to do so.
- Work as quickly and as carefully as you can.
- Each question will tell you whether to write an answer or ring the correct answer from the options given.
- You may do rough working on a separate sheet of paper.
- If you make a mistake cross out the mistake and write the new answer clearly.
- You will have 50 minutes to complete the test.

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Practice Test

50 Questions:

50 Minutes

Maths 11+

1 If you need 6 apples to make a pie, how many pies can be made with 125 apples? _____

2 In the number 58 470, the digit 4 in this number has a value of 400. What is the value of the digit 8? _____

3 A plank is 4 m 6 cm long. It is cut in half. How long is each piece? _____

This triangle has angles a, b, c and d. Angle a is 46°and angle b is 68°.

4 What is the size of angle c? _____

5 What is the size of angle d? _____

6 Jane is drawing a plan of her house. Her scale is 4 cm to 5 m. The hall is 10.5 m long. How long is the hall on her plan? _____ cm

7 Mike thought of a number. He halved it, then added 9. The answer was 45. What number did Mike think of? _____
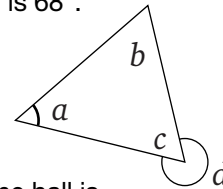
Write the coordinates of:

8 The church (_____, _____)

9 The station (_____, _____)

10 The pet shop (_____, _____)

11 The garage (_____, _____)

1
1
1
1
1
1
1
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1
1
1

Total
11

2
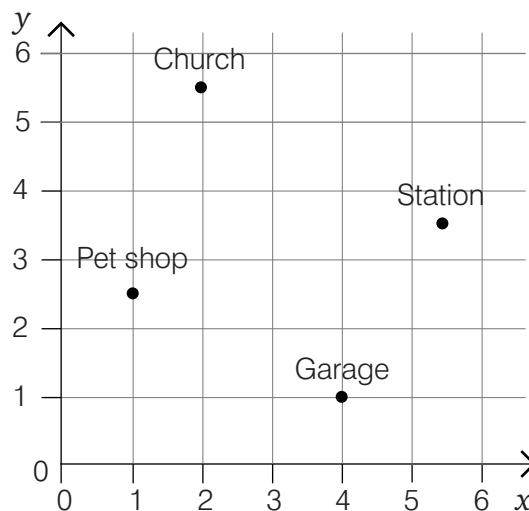
12 Circle the group of numbers below that are all multiples of either 3 or 5.

8, 10, 12   12, 14, 15   15, 18, 20   18, 20, 22   20, 24, 26

13 A holiday costs £360 for an adult. It is £150 less for a child. How much is it for three adults and two children to go? _____

14 Circle the number with the largest value.

6.03   5.05   6.10   5.99   6.09

15 In the equation $6a + 7 = 55 - 2a$, what is a? _____

16 Here are some scores in a test: 11, 18, 9, 1, 6, 15, 3. What is the mean?

_____

17 Which ratio is the equivalent to 27 : 36? Circle the correct answer.

6:7   9:18   8:9   3:4

18 There are 45 pupils in a class. $\frac{1}{9}$ travel to school by train. $\frac{2}{5}$ travel by car. $\frac{2}{9}$ travel by travel by bus. The rest walk to school. How many walk? _____

19 What percentage of this shape is shaded? _____
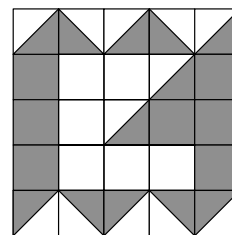
20 420 shoppers are asked about their favourite fruit. How many like oranges? _____

Total

9

3
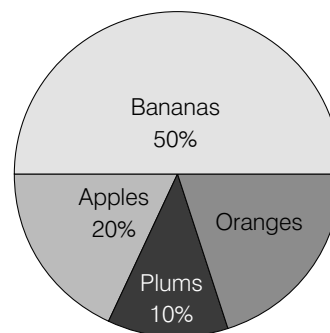
21 I spend 34p on the bus fare each weekday. How much do I spend a week?

_____

22 What is 2.467851 to two decimal places? _____

23 Circle the fraction with the largest value: $\dfrac{20}{24}$ $\dfrac{9}{12}$ $\dfrac{5}{6}$ $\dfrac{2}{3}$ $\dfrac{7}{8}$

24 Here are five scores in a cricket match: 11, 23, x, 44, 7. The mean score was 18.

What is the value of x? _____

25 What does 6^5 equal? Circle the correct answer.
5 x 5 x 5 x 5 x 5 x 5   6 x 6 x 6 x 6 x 6   6 x 5   65   56

26 $a = \dfrac{3}{5}$ of b. Circle the equation below that is not correct.

$5a = 3b$ $\dfrac{a}{b} = \dfrac{3}{5}$ $3a = 5b$ $a = \dfrac{3}{5}b$ $b = \dfrac{5}{3}a$
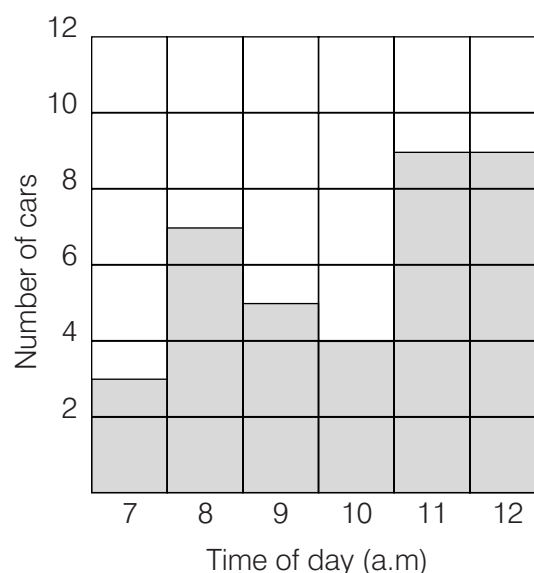
The bar chart shows the number of cars that went past a traffic survey checkpoint every hour.

27 How many more went by at 11 a.m. than 7 a.m.? _____

28 How many fewer went by at 9 a.m. than 12 p.m.? _____

A fruit bowl contains an apple, two pears and three oranges. You choose a fruit from the bowl without looking. Say whether each pair of statements are **both** true. Circle Yes or No.

29 You have a less than even chance of picking an apple.

You have a less than even chance of picking a pear.   Yes   No   [ ] 1

30 You have an even chance of picking an orange.

You have a greater than even chance of picking an apple.   Yes   No   [ ] 1

31 You have a greater than even chance of picking an orange.

You have a less than even chance of picking a pear.   Yes   No   [ ] 1

32 You have a greater than even chance of picking a pear.

You have an even chance of picking an orange.   Yes   No   [ ] 1

33 You are certain to pick a fruit.

You have a greater than even chance of picking an orange.   Yes   No   [ ] 1

34 The area of a rectangle is 48 cm². What could be the perimeter of the rectangle? Circle the correct answer.   [ ] 1

12 cm   14 cm   18 cm   28 cm   30 cm

35 Jamal will be a years old in four years' time. How old was he eight years ago in terms of a? _____   [ ] 1

36 There are 360 cars in the car park. $\frac{1}{12}$ are red. $\frac{2}{3}$ are green. The rest are silver. How many silver cars are there? _____   [ ] 1

37 There are 300 paper clips in a box. How many paper clips in 7.5 boxes? _____   [ ] 1

38 Circle the number below that has the closest value to 2.   [ ] 1

$1\frac{19}{25}$ 172.8%   1.73   172.9% $1\frac{19}{26}$

Total [ ] 10

39 80 cm of a 4.4 m stretch of road need repairing. What fraction is this? Circle the correct answer.

$\dfrac{1}{9}$ $\qquad$ $\dfrac{1}{10}$ $\qquad$ $\dfrac{3}{12}$ $\qquad$ $\dfrac{4}{26}$ $\qquad$ $\dfrac{2}{11}$
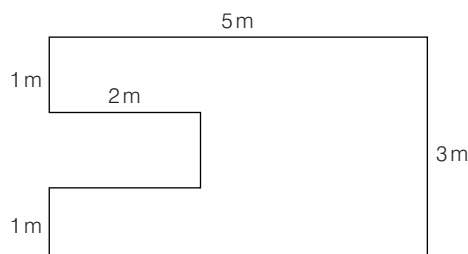
40 I am half as old as my sister. In six years' time she will be 22. How old am I?

_____

Look at this room plan.

41 What is the perimeter of the room? _____

42 What is the area of the room? _____

43 Carpet costs £8 a square metre. How much will it cost to carpet the room? _____

I go to the supermarket and spend £3.50 on meat, 90p on bread, £2.50 on fruit, £3.75 on cheese, £2.15 on fruit juice and £1.45 on eggs.

44 How much have I spent? _____

45 How much change will I get from £20? _____

46 Steaks cost £4.99 each. A chef buys 125 for his restaurant. What is the total cost?

£499 $\qquad$ £625 $\qquad$ £623.75 $\qquad$ £623.25 $\qquad$ £626.25

When every space on the grid is filled in, each row and column adds up to 44.

47 What is the value of **A**? _____

48 What is the value of **B**? _____

17		**A**	44
12		15	44
	9	**B**	44

44 44 44

49 How should quarter to five in the morning be written? Circle the correct answer.

16.45 $\qquad$ 14.45 $\qquad$ 18.45 $\qquad$ 13.45 $\qquad$ 04.45

50 A door is 5 feet 9 inches high. Which is closest to its height in metres? Circle the correct answer.

1.5 m $\qquad$ 1.6 m $\qquad$ 1.7 m $\qquad$ 1.8 m $\qquad$ 1.9 m

1
1
1
1
1
1
1
1
1
1
1
1

Total

Continue to the next page **12**

Paper Total **50**