

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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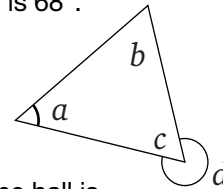
Practice Test

50 Questions:

50 Minutes

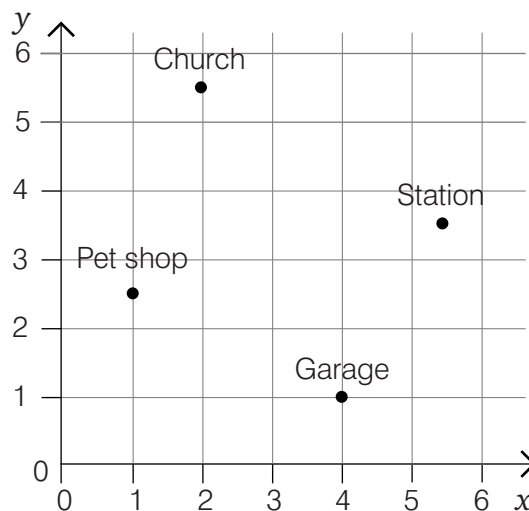
Maths 11+

- 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 (____, ____)



Continue to the next page

Total

11

- 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

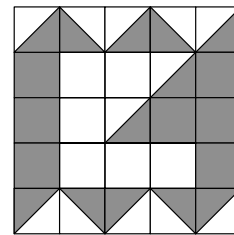
- 15** In the equation $6a + 7 = 55 - 2a$, what is a ? _____

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

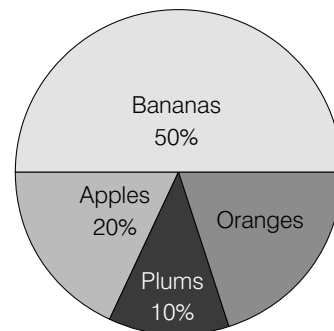
- 17** Which ratio is the equivalent to 27 : 36? Circle the correct answer.
6:7 9:18 8:9 3:4

- 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? _____



Text continues over the page

Total

9

- 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: $\frac{20}{24}$ $\frac{9}{12}$ $\frac{5}{6}$ $\frac{2}{3}$ $\frac{7}{8}$

- 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 ? _____

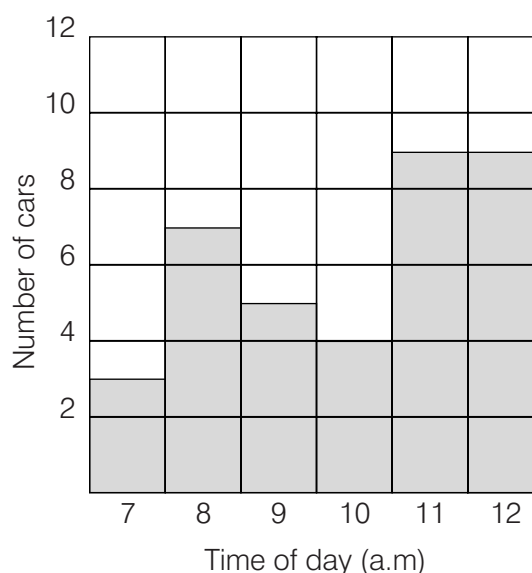
- 25** What does 6^5 equal? Circle the correct answer.

$5 \times 5 \times 5 \times 5 \times 5$ $6 \times 6 \times 6 \times 6 \times 6$ 6×5 65 56

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

$5a = 3b$ $\frac{a}{b} = \frac{3}{5}$ $3a = 5b$ $a = \frac{3}{5}b$ $b = \frac{5}{3}a$

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.? _____

Continue to the next page

Total

8

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. Yes No
- 30** You have an even chance of picking an orange. Yes No
- 31** You have a greater than even chance of picking an orange. Yes No
- 32** You have a greater than even chance of picking a pear. Yes No
- 33** You are certain to pick a fruit. Yes No
- 34** The area of a rectangle is 48 cm^2 . What could be the perimeter of the rectangle? Circle the correct answer.
- 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 ? _____
- 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? _____
- 37** There are 300 paper clips in a box. How many paper clips in 7.5 boxes? _____
- 38** Circle the number below that has the closest value to 2.
- $1\frac{19}{25}$ 172.8% 1.73 172.9% $1\frac{19}{26}$

☐ 1

☐ 1

☐ 1

☐ 1

☐ 1

☐ 1

☐ 1

☐ 1

☐ 1

☐ 1

Total

☐ 10

Text continues over the page

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

$\frac{1}{9}$

$\frac{1}{10}$

$\frac{3}{12}$

$\frac{4}{26}$

$\frac{2}{11}$

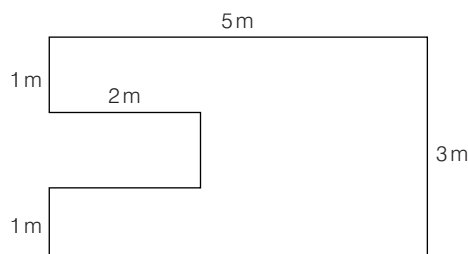
- 40** I am half as old as my sister. In six years' time she will be 22. How old am I?

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

£625

£623.75

£623.25

£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

14.45

18.45

13.45

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

1.6 m

1.7 m

1.8 m

1.9 m

Total

Continue to the next page

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