



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? _____

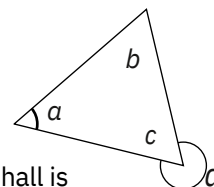
2 In the number 58 470, the digit 4 in this number has a value of 400. What is the value of the digit 8? _____

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? _____

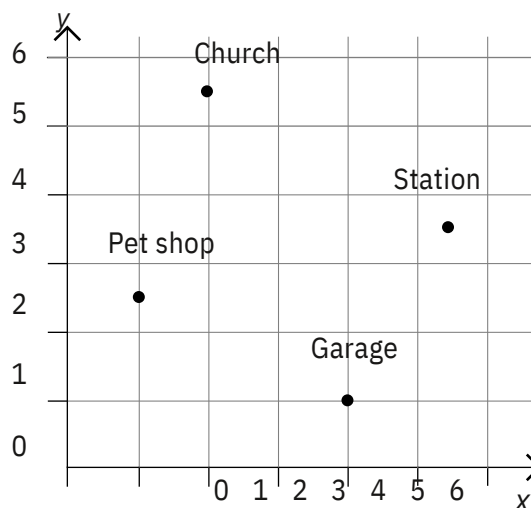
Write the coordinates of:

8 The church (_____, _____)

9 The station (_____, _____)

10 The pet shop (_____, _____)

11 The garage (_____, _____)



1
1
1
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1

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

1

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? _____

1

14 Circle the number with the largest value.
6.03 5.05 6.10 5.99 6.09

1

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

1

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

1

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

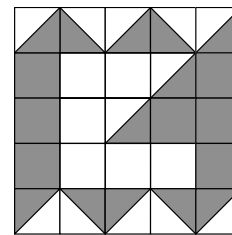
1

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 bus. The rest walk to school. How many walk? _____

1

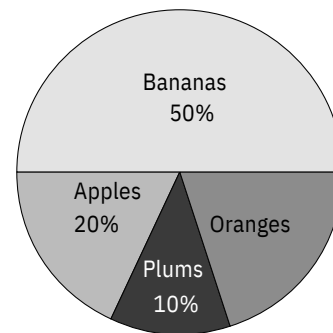
19 What percentage of this shape is shaded? _____

1



20 420 shoppers are asked about their favourite fruit. How many like oranges? _____

1



_____ 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 ? _____

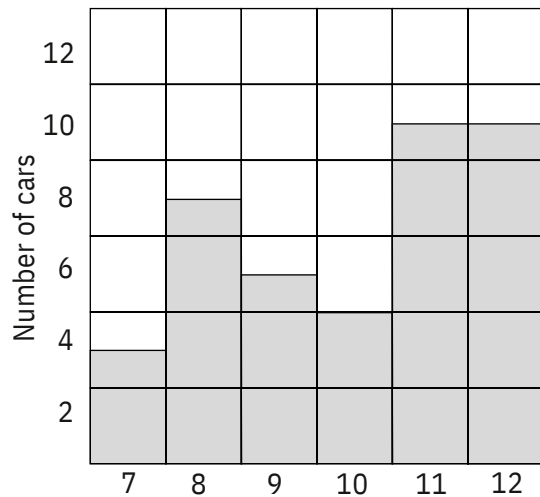
25 What does 65 equal? Circle the correct answer.

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

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

$5a = 3b$ $a/b = 3/5$ $3a = 5b$ $a = 3/5a$ —

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.? _____

891011 Time of day
(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. 1
You have a less than even chance of picking a pear. Yes No
- 30 You have an even chance of picking an orange. 1
You have a greater than even chance of picking an apple. Yes No
- 31 You have a greater than even chance of picking an orange. 1
You have a less than even chance of picking a pear. Yes No
- 32 You have a greater than even chance of picking a pear. 1
You have an even chance of picking an orange. Yes No
- 33 You are certain to pick a fruit. 1
You have a greater than even chance of picking an orange. Yes No
- 34 The area of a rectangle is 48 cm². What could be the perimeter of the rectangle?
Circle the correct answer.
12 cm 14 cm 18 cm 28 cm 30 cm 1
- 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% $1\frac{19}{26}$

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Total

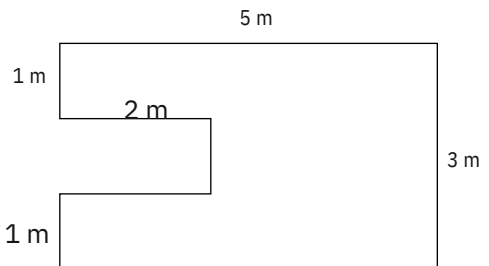
10

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

1/9 1/10 3/12 4/26 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

1

1

1

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1

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1

1

1

Total

Continue to the next page

12