

Name:

Date:

14
total marks

11+ Maths Practice Test 1

Knowledge of times tables (including division facts up to 12×12)

1. Circle all the numbers which are factors of 56.

2 3 4 7 9 10 12 14 21 28

.....

1 mark

Place Value and Number

2. Round the following numbers to the nearest thousand:

Number	Rounded to the nearest 1000
2 370 678	
4 939 942	
3 672 425	

.....

1 mark

3. One day, Isaac measured the temperature in his garden. He recorded the temperature at 11°C . The following week he recorded the temperature again. It had dropped by 17°C . What was the new temperature in the garden?
- _____
-

1 mark

total for this page

Number: addition, subtraction, multiplication and division

4. Mr Singh is a travelling salesman. He travels all over the country selling products. Last week he drove 197 miles, 232 miles and 178 miles over 3 journeys.

This week, he drove 309 miles and 237 miles over two journeys. What is the difference in mileage between the two weeks? Show your working out below.

_____ Miles

1 mark

5. There are 24 pencils in a box. In one day, a pencil manufacturer fills 4289 boxes. How many pencils are there in the boxes? Show your working out here.

_____ Pencils

1 mark

total for
this page

6. What is 21.6×4.9 ? Circle the correct answer.

a. 105.48

b. 105.84

c. 203.98

d. 78.45

e. 203.89

1 mark

7. What is $\frac{3}{5}$ of 70? Circle the correct answer.

a. 35

b. 40

c. 42

d. 45

e. 48

1 mark

Number: fractions (including decimals and percentages)

8. Circle the improper fraction that is the same as this mixed number: $5\frac{6}{8}$.

a. $\frac{38}{8}$ b. $\frac{40}{8}$ c. $\frac{42}{8}$ d. $\frac{46}{8}$ e. $\frac{52}{8}$

1 mark

9. How many thirds are there in the number 12?

a. 3

b. 18

c. 36

d. 48

e. 24

1 mark

10. What is 1000×3.078 ?

a. 3078

b. 378

c. 3708

d. 37.8

e. 30.78

1 mark

total for
this page

Ratio and Proportion

11. What is 15% of £360? Show your working here.

£ _____

1 mark

12. Two pizzas cost £17.00. What is the cost of 5 pizzas?

- a. £34.00 b. £42.50 c. £51.00 d. £25.50 e. £36.50

1 mark

13. David is making a cake. The recipe says that for every 3 eggs, he needs 120 grams of flour. If he uses 480 grams of flour, how many eggs will he need? Show your working here.

_____ eggs

1 mark

total for
this page

Algebra

14. What is the value of **a** in the following equation? $4a = 16$

a. 2

b. 3

c. 4

d. 5

e. 6

.....

****END OF TEST****

1 mark

total for
this page

Question	Answer	Marks
Knowledge of times tables (including division facts up to 12 x 12)		
1.	2, 4, 7, 14, 28	1
Place Value and Number		
2.	2 371 000 4 940 000 3 672 000	1
3.	-6°C	1
Number: addition, subtraction, multiplication and division		
4.	61 miles	1
5.	102 936 pencils	1
6.	b. 105.84	1
7.	c. 42	1
Number: fractions (including decimals and percentages)		
8.	d. $\frac{46}{8}$	1
9.	c. 36	1
10.	a. 3078	1

Question	Answer	Marks
Ratio and Proportion		
11.	£54	1
12.	b. £42.50	1
13.	12 eggs	1
Algebra		
14.	c. 4	1

Parent note: For the 11 plus maths test, it is vital that your child has a thorough grasp of place value and calculation. They must also have a sound understanding of all the KS2 maths objectives taken from the DFE Programme of Study for KS2 maths. Use this test to help identify any gaps in your child's knowledge of the maths curriculum. You can then help them by doing some further practise together in that area. Before each question, it states which part of the curriculum it is taken from to help spot where they need further practice.