

Name:

Date:

13  
total marks

## 11+ Maths Practice Test 2

### Knowledge of times tables (including division facts up to $12 \times 12$ )

1. Circle all the numbers which are factors of 48.

1      2      4      5      7      9      11      12      24      26

1 mark

### Place Value and Number

2. Round the following numbers to the nearest thousand:

Number	Rounded to the nearest 1000
645 648	
4 664 914	
1 327 528	

1 mark

3. At Darwin Academy, the children recorded the temperature in the garden each day in March. The results are below:

Monday	Tuesday	Wednesday	Thursday	Friday
-3 °C	4 °C	5 °C	-1 °C	6 °C

1 mark

a. What is the difference between Monday's and Friday's temperature?

9°C      7°C      6°C      4°C      3°C

1 mark

total for this page

b. The temperature on Saturday is  $5^{\circ}\text{C}$  lower than Thursday. What is the temperature on Saturday?

$4^{\circ}\text{C}$

$5^{\circ}\text{C}$

$- 4^{\circ}\text{C}$

$- 6^{\circ}\text{C}$

$6^{\circ}\text{C}$

1 mark

**Number: addition, subtraction, multiplication and division**

4. Sophie buys a T-shirt for  $\pounds 5.63$ , a skirt for  $\pounds 7.99$  and a pair of shorts. She pays for the items with a  $\pounds 20$  note and gets the following coins as change.



1 mark

How much did the shorts cost? Show your working here.

£ \_\_\_\_\_

5. How many 7s are there in 387? Round the answer to the nearest whole number. Show your working here.

\_\_\_\_\_

1 mark

total for this page

6. What is  $12.8 \times 5.7$ ? Circle the correct answer.

- a. 70.69      b. 71.08      c. 72.96      d. 73.96      e. 73.69

1 mark

7. What is  $\frac{5}{8}$  of 72? Circle the correct answer.

- a. 35      b. 40      c. 45      d. 50      e. 55

1 mark

**Number: fractions (including decimals and percentages)**

8. Circle the improper fraction that is the same as this mixed number:  $5\frac{3}{7}$ .

- a.  $\frac{35}{7}$       b.  $\frac{36}{7}$       c.  $\frac{37}{7}$       d.  $\frac{38}{7}$       e.  $\frac{39}{7}$

1 mark

9. What is  $30\,785 \div 1000$ ?

- a. 3.0785      b. 3.785      c. 30.785      d. 307.85      e. 0.3785

1 mark

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**Ratio and Proportion**

10. You can buy 4 cartons of milk for £2.40. How much will it cost to buy 16 cartons of milk? Show your working here.

£ \_\_\_\_\_

1 mark

11. £3 is shared equally between 5 children. How much will each child receive?

- a. £1                      b. £1.20                      c. 60p                      d. 80p                      e. 30p

1 mark

**Measurement**

12. A coach left Manchester at 08:52 and arrived in Newquay later that day at 17:23. How long did the journey last?

- a. 508 minutes                                      b. 509 minutes  
c. 510 minutes                                      d. 511 minutes

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\*\*END OF TEST\*\*

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Question	Answer	Marks
Knowledge of times tables (including division facts up to $12 \times 12$ )		
1.	1, 2, 4, 12, 24	1
Place Value and Number		
2.	646 000 4 665 000 1 328 000	1
3.	a. 9°C	1
	b. -6°C	1
Number: addition, subtraction, multiplication and division		
4.	£4.12	1
5.	55	1
6.	c. 72.96	1
7.	c. 45	1
Number: fractions (including decimals and percentages)		
8.	d. $\frac{38}{7}$	1
9.	c. 30.785	1

Question	Answer	Marks
Ratio and Proportion		
10.	£9.60	1
11.	c. 60p	1
Measurement		
12.	d. 511 minutes	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.