# Key Stage 2

## Test Paper 2 - Mathematics

Explore our Education Quizzes website, where you'll find 70 quizzes designed to assist you in preparing for any Maths KS2 tests

This paper contains 20 questions.

The total marks for this paper is 35

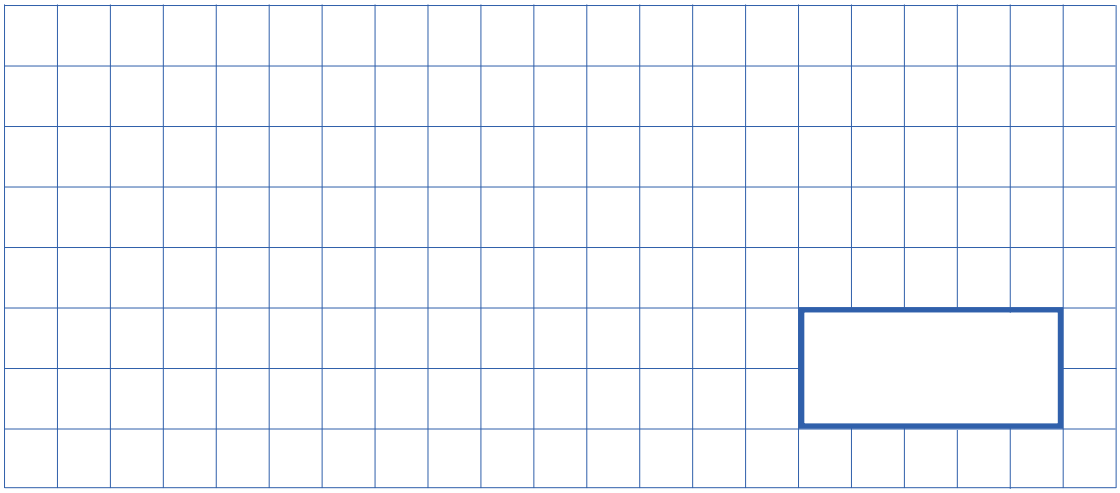
**Time Allowed: 40 mins**

## Instructions

- Use **black** ink or ball-point pen.
- Answer **all** questions.
- Answer the questions in the spaces provided.
- **Calculators must not be used.**

## Information

- The total mark for this paper is 35.
- The marks for each question are shown in the right hand column with each question.
- Some questions have a method box like the one below.
- Show your working out in the space around the 'Answer' box.



## Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- If you cannot do a question, go to the next one and come back to it later.
- Check your answers if you have time at the end.
- If you finish early, go back and check your work.

Insert answers in blue box and show method where required.

**1** Write in the missing number.

| | | |
|---|---|---|
| 100 | ...is twice → | 50 |
| | ...is twice → | 35 |

1 Mark

**2** The table below shows some information about the temperature of some cities in December.

| City | Temperature |
|---|---|
| Moscow | -9 °C |
| North Pole | -5 °C |
| London | 6 °C |
| Milan | 7 °C |

Which city was coldest? Answer

What is the difference in the temperature between London and Moscow? Answer

1 Mark

**3** In a class each child has a pack of coloured pencils, each pack has 7 pencils and there are 22 children in the class. How many coloured pencils are there altogether?

Answer

2 Marks

Insert answers in blue box and show method where required.

**4** There are 40 books in a pack, if each of the 22 children take one book each, how many books would be left?

Answer

1 Mark

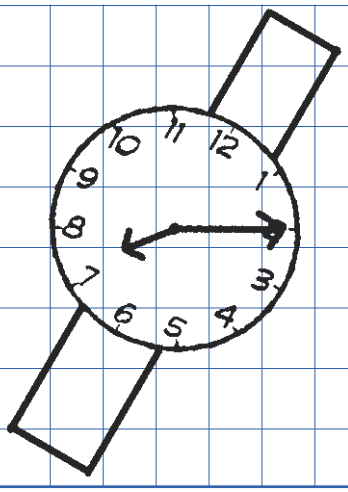
**5** A film states that it is 200 minutes long. What is this in hours and minutes?

Answer

hours minutes

1 Mark

**6** The picture below shows Bruce's watch. Bruce's watch is 8 minutes slow. What is the correct time?

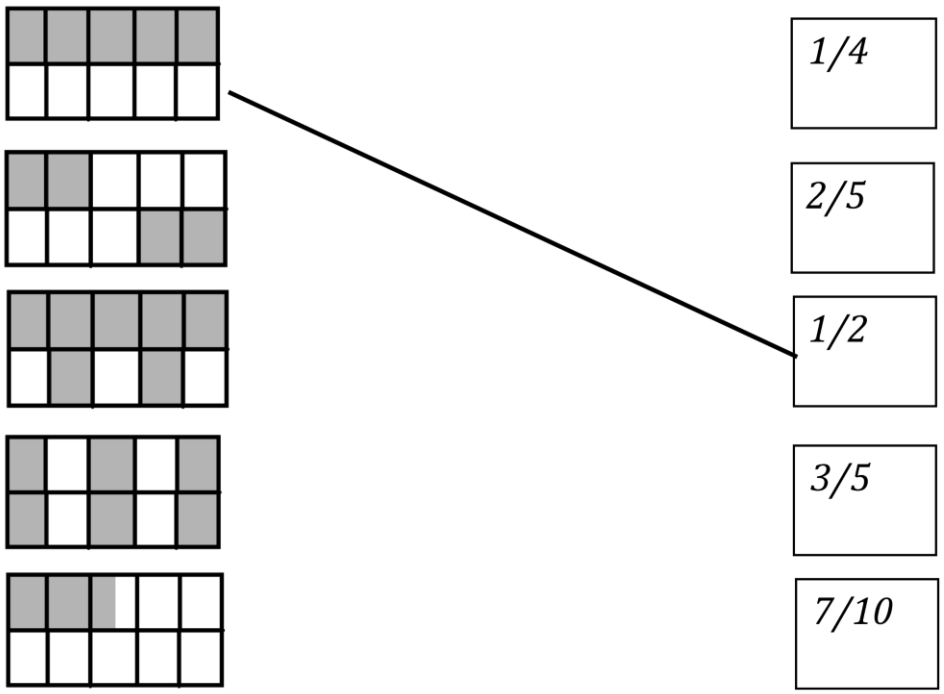



Answer

1 Mark

Insert answers in blue box and show method where required.

**7** Below are some shapes made up of squares.
A fraction of the shape is shaded for each one.
Match the fraction to its equivalent shaded shape.




2 Marks

Insert answers in blue box and show method where required.

**8** Trevor plans to sell cupcakes. He uses the formula below to work out how much to sell his cupcakes for.

**Cost in £'s = 0.50 x Number of cupcakes + 3.50**

How much would it cost to buy 10 cupcakes from Trevor?

Answer

1 Mark

How many cupcakes did Amy but from Trevor if she paid £10.50?

Answer

2 Marks

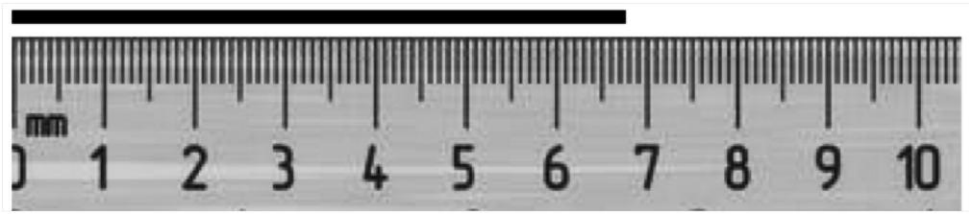
**9** In the boxes below write down a multiple that is in the set in the box it is joined to.

| | | |
|---|---|---|
| Numbers from 14 to 30 | Multiples of 13 → | |
| Numbers 166 to 179 | Multiples of 10 → | |
| Numbers 302 to 376 | Multiples of 50 → | |
| Numbers 167 to 198 | Multiples of 25 → | |

2 Marks

Insert answers in blue box and show method where required.

**10** Look at the line below against a ruler.




What is the length of the line in cm?

Answer

1 Mark

What is the length of the line in mm?

Answer

1 Mark

**11** What number is half way between 2.8 and 3.9?

Answer

1 Mark

**12** Look at the long multiplication calculation below.
Fill in the missing digits to make the calculation correct.

| | | | | |
|---|---|---|---|---|
| | | 4 | 5 | 1 |
| X | | | □ | 8 |
| | 3 | 6 | 0 | 8 |
| | □ | 0 | 2 | 0 |
| 1 | 2 | 6 | 2 | 8 |

2 Marks

Insert answers in blue box and show method where required.

**13** Here is a number written in Roman Numerals.

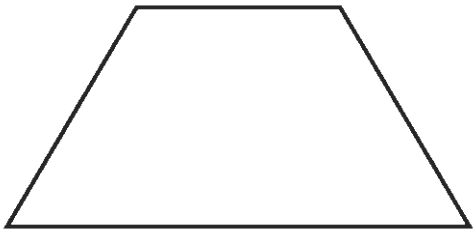
CXX

Write the number in figures.

Answer

1 Mark

**14** The diagram below shows a regular trapezium.



Mark on the trapezium above a pair of parallel lines with arrows (<<)

1 Mark

On the diagram above label one of the acute angles with the letter A.

1 Mark

Insert answers in blue box and show method where required.

**15** Look at the diagram below.

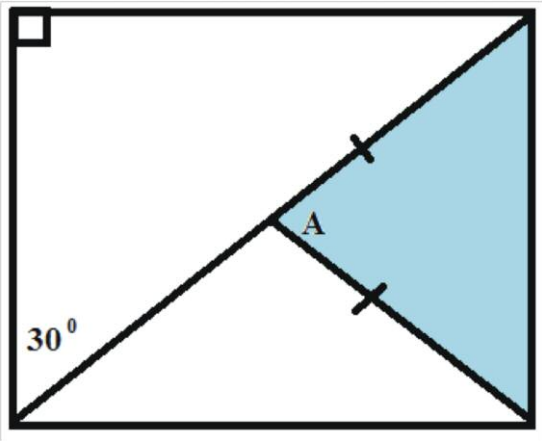



DIAGRAM NOT DRAWN TO SCALE

The outside shape is a rectangle.

The shaded triangle is an isosceles triangle.

The two sides marked with lines are equal in length.

Calculate the angle marked A.

Answer

2 Marks

**16** Round 782,789

...To the nearest 1,000

Answer

...To the nearest 100,000

Answer

...To the nearest 10

Answer

2 Marks

Insert answers in blue box and show method where required.

**17** Emilia, Andy, Ramesh and Henrietta buy 2 portions of chips at £1.50 each and one large pizza at £8.80. They share the cost equally between them. How much does each person pay?

Answer

2 Marks

**18** Below are the results of the number of goals scored in the first 10 football matches by the Proper Pugs team.

**8 5 12 4 5 10 17 21 3 5**

Calculate the mean number of goals for Proper Pugs first ten matches.

Answer

2 Marks

Insert answers in blue box and show method where required.

**19** One centimetre of gold wire cost £5.67.
What is the cost of one quarter of a metre?

Answer

2 Marks

**20** Bruce has a bowl of bones, he ate 13 of them in the morning and the other 88 bones in the evening.
How many bones did he eat in total?

Answer

2 Marks

# Answers

1) 70 (1 mark)

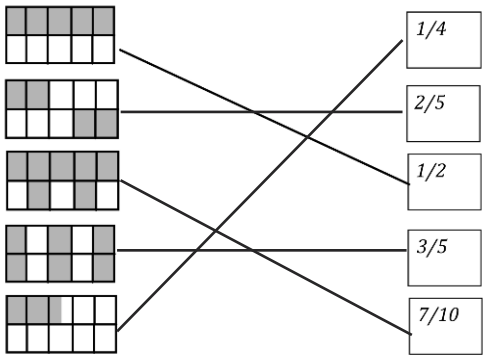
2) Moscow (1 mark)
15°C (1 mark)

3) 154 pencils (2 marks)

4) 18 books (1 mark)

5) 3 hours 20mins (1 mark)

6) 7.02 (1 mark)

7) 


(2 marks)

8) £8.50 (1 mark)
14 cup cakes (1 mark)

9) 26, 170, 350, 175 (2 marks)

10) 6.8cm (1 mark)
68mm (1 mark)

11) 3.35 (1 mark)

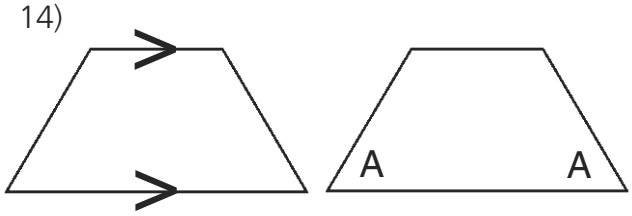
12)

| | | | | |
|---|---|---|---|---|
| | | 4 | 5 | 1 |
| X | | | 2 | 8 |
| | 3 | 6 | 0 | 8 |
| | 9 | 0 | 2 | 0 |
| 1 | 2 | 6 | 2 | 8 |

(2 marks)

13) 120 (1 mark)

14)




(1 mark) (1 mark)

15) 120° (2 marks)

16) 783 000,
800 000,
782 790 (2 marks)

17) £2.95 (2 marks)

18) 9 (2 marks)

19) £141.75 (2 marks)

20) 101 bones (2 marks)