TEST 2

Arithmetic

- You have 20 minutes to complete this test.
- Calculator not allowed.
- Use the spaces provided for your workings. Where two marks are available, you may be awarded a mark for your workings.

1 $607 - 10 =$

1 mark

2 $\frac{\square}{4} = \frac{1}{2}$

1 mark

3 $648 \times 6 =$

1 mark

4 $5476 \div 4 =$

1 mark

5 $0.703 = \frac{7}{10} + \frac{3}{\square}$

1 mark

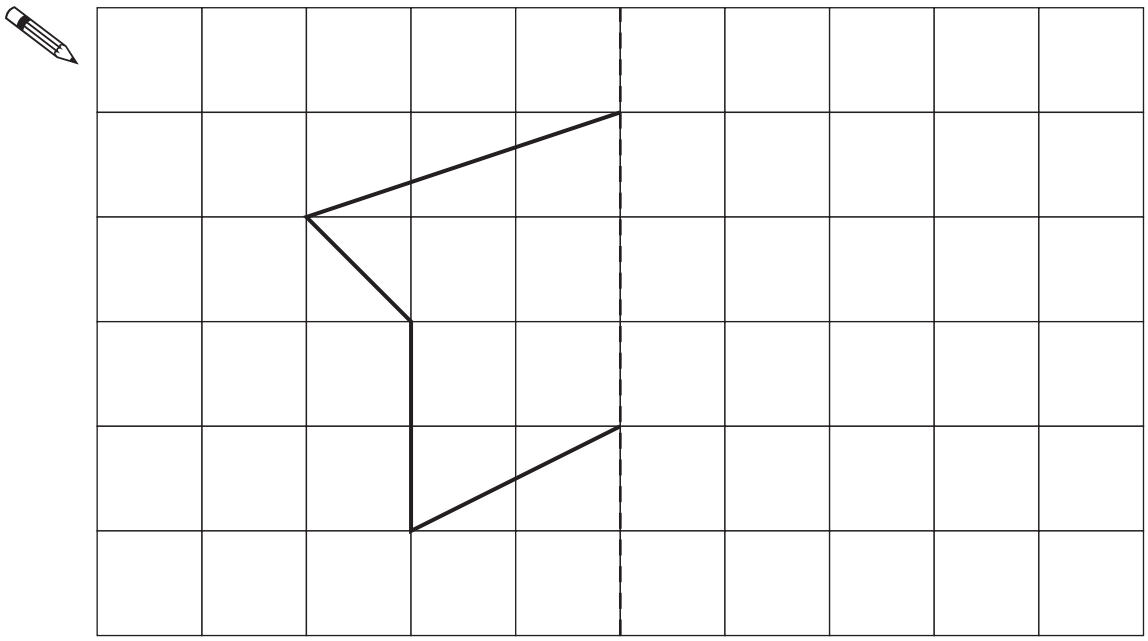
6 $60 + 130 + 2300 =$

1 mark

4 Part of this shape is missing.

The dotted line is a line of symmetry.

Complete the shape.



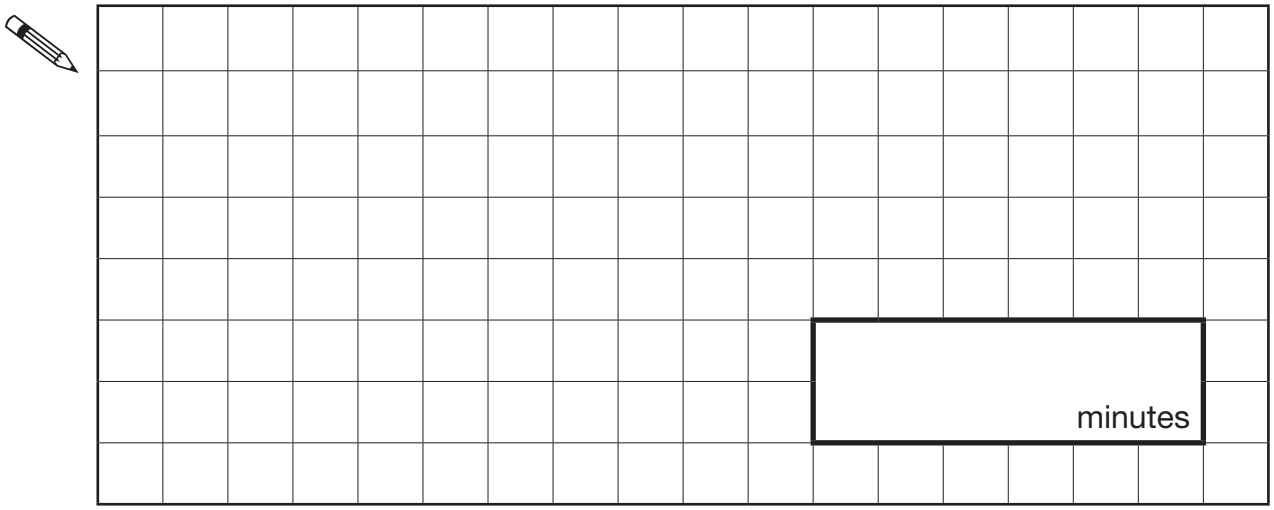
1 mark

5 Tom has 217 minutes left on his phone.

He uses 83 minutes.

He gets another 350 minutes.

How many minutes does Tom have on his phone?



1 mark

6 four hundred and sixty thousand, three hundred and five

Write this number in digits.

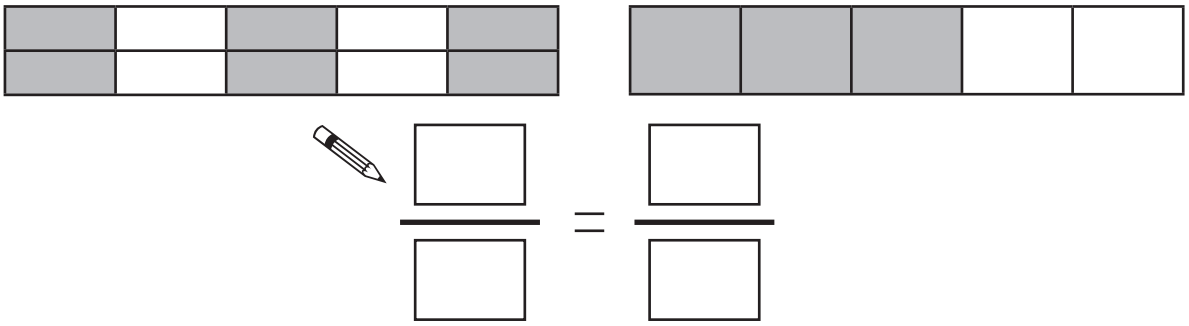
1 mark

7 Two prime numbers total 31

What are the two numbers?

1 mark

8 Write the equivalent fractions shown by the shading in these shapes.



2 marks

9 This is a train timetable.

Little Oak	10.30	11.30	12.30	13.30
Elmstree		12.10		
Ashton	11.25		13.25	14.25
Beechwood			13.43	14.41
Birchly	12.03	12.58	14.05	15.06

Jack arrives at Little Oak at 11.00

He catches the next train to Ashton.

When will he arrive at Ashton?

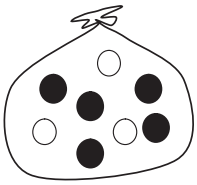
1 mark

TEST 3

Using Mathematics

- You have 20 minutes to complete this test.
- Calculator not allowed.

1 This bag has 5 black balls and 3 white balls.



What fraction of the balls is black?

1 mark

2 A train has 8 coaches.

Each coach has 72 seats.

The ticket collector says, 'I know 70 × 8 = 560'

What must he add to 560 to find how many seats there are in the train altogether?

1 mark

3 **a.** Round 5.17 to:

i. one decimal place. **ii.** the nearest whole number.

1 mark

b. Round 14.73 to:

i. one decimal place. **ii.** the nearest whole number.

1 mark

4 Draw lines to match the same lengths.

One has been drawn for you.

4.6m	4.6cm
46mm	0.46km
460m	460cm
4.6mm	0.46cm
46cm	0.46m

2 marks

5 Polly calculates 87 × 73

Round each number to the nearest ten.

Use the rounded numbers to give an estimated answer to Polly's calculation.

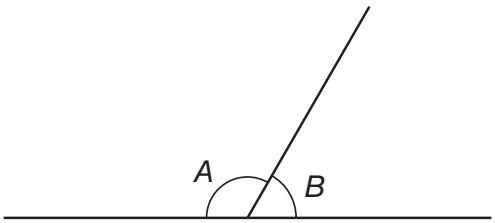
1 mark

6 What number comes next in this sequence?

536 280 537 280 538 280 539 280

1 mark

7



What is the total of angle *A* and angle *B*?

o

1 mark