

1. Write the missing number to make this addition correct.

$$400,000 + \boxed{} + 70 = 430,070$$

1 mark

2. Write the three missing digits to make this **addition** correct.

$$\begin{array}{rcccccc} & 5 & 3 & 2 & \boxed{} & 9 & & \\ + & & 7 & 4 & 2 & \boxed{} & & \\ \hline & \boxed{} & 0 & 6 & 7 & 6 & & \end{array}$$

2 marks

3. A book has 276 pages.

Amina has read $\frac{1}{3}$ of the book.

How many pages are **left** for Amina to read?

Show your method																
													pages			

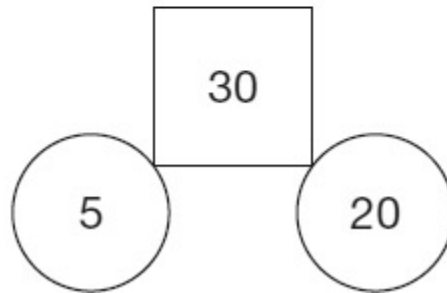
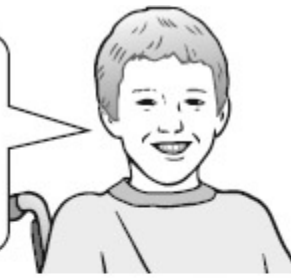
2 marks

4.

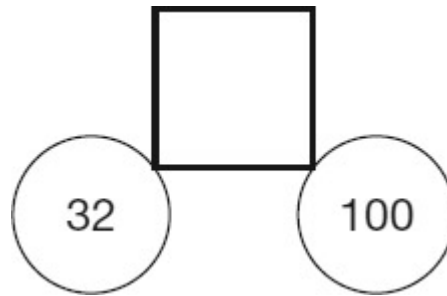
William says the rule for this diagram.

Find the difference between the numbers in the circles.

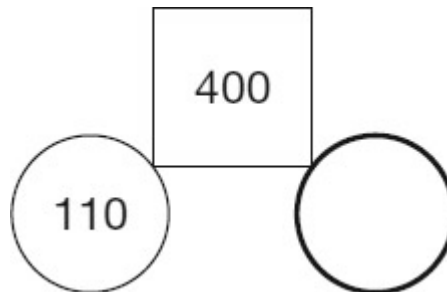
Double this to make the number in the square.



Use the same rule to write the missing numbers below.



1 mark



1 mark

5.

Adam wants to use a mental method to calculate $182 - 97$

He starts from 182

Here are some methods that Adam could use.

Tick the methods that are **correct**.

add 3 then subtract 90

subtract 100 then add 3

subtract 7 then subtract 90

subtract 3 then subtract 100

2 marks

6.

In this sequence, the rule to get the next number is

Multiply by 2, and then add 3

Write the missing numbers.

25

53

2 marks

8. Some children vote for their favourite ice-cream flavour.

Ice-cream flavour	Number of children
vanilla	87
chocolate	154
strawberry	?
mint	38
Total	402

How many children vote for **strawberry**?

Show your method

The grid is 10 units wide and 10 units high. A small rectangular box labeled "children" is positioned on the grid, spanning 2 units in width and 2 units in height, starting from the 7th vertical line and the 4th horizontal line from the top-left corner.

2 marks

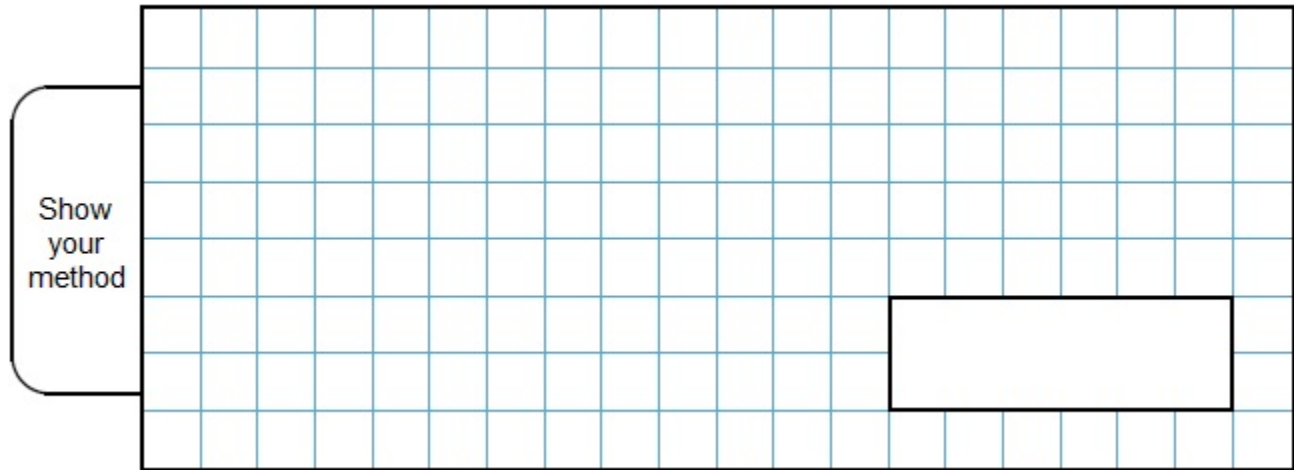
9.

One Saturday afternoon, a total of 234,869 people attended three rugby matches.

- 80,978 people attended match 1
- 72,319 people attended match 2

How many people attended match 3?

Show your method



2 marks

10.

Here are six number cards.



Use **all six** cards to complete the three multiplications below.

$$24 = \square \times \square$$

$$28 = \square \times \square$$

$$30 = \square \times \square$$

1 mark

11.

This sign shows the number of **empty spaces** on each level of a car park at 10am.

P Empty Spaces	
Level 2	511
Level 1	268

In this car park, **each** level has 800 spaces.

What is the total number of cars **parked** in the car park at 10am?

Show your method

2 marks

12.

Write the correct sign =, > or < in each box.

$$1 \times 2 \times 3 \quad \square \quad 1 + 2 + 3$$

$$2 \times 2 \times 2 \quad \square \quad 2 + 2 + 2$$

$$1 \times 10 \times 10 \quad \square \quad 1 + 10 + 10$$

$$0 \times 10 \times 10 \quad \square \quad 0 + 10 + 10$$

2 marks

13.

A shop has an offer.



Buy one box for £1.90
Get the second box half price.

Ali buys two boxes of cereal.

How much must he pay **altogether**?

Show your method

£

2 marks

14.

Olivia buys a banana, an apple and a bag of nuts.



30p



45p



60p

She pays with three 50p coins.

What is her change?

Show your method

2 marks