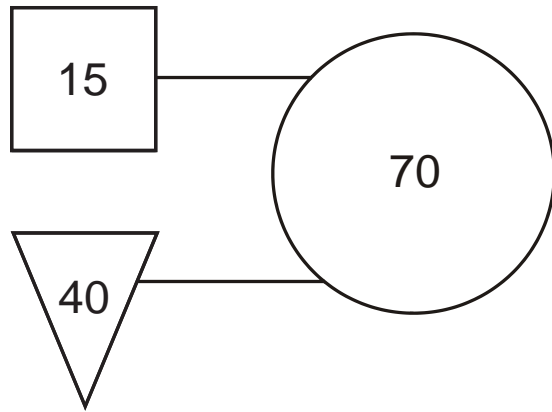
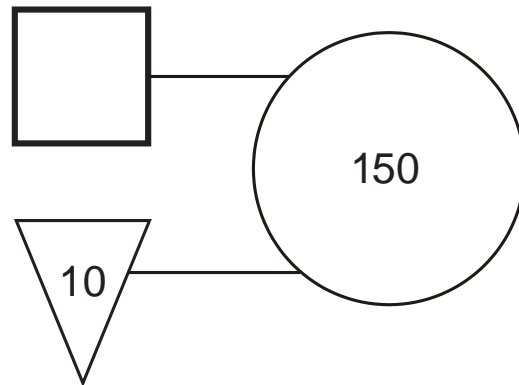
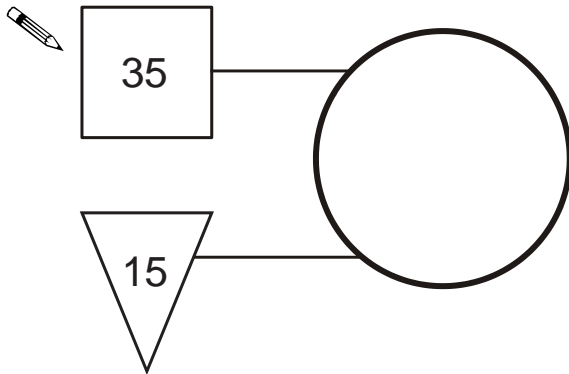


1. In this diagram the rule is

'double the number in the square and add the number in the triangle to make the number in the circle'.



Use the same rule to write in the missing numbers below.



2. Ben thinks of a number.

He adds half of the number to a quarter of the number.

The result is 60

What was the number Ben first thought of?



Show your **working**.
You may get a mark.

A large rectangular box with a thin border, intended for the student to show their working. To the left of this box is a speech bubble containing the text 'Show your working. You may get a mark.' with an arrow pointing into the box. In the bottom right corner of the large box, there is a smaller, empty rectangular box for the final answer.

3. Rob has some number cards.



He holds up a card.

He says,

'If I multiply the number on this card by 5, the answer is 35.'

What is the number on the card?



He holds up a different card.

He says,

'If I divide the number on this card by 6, the answer is 4.'

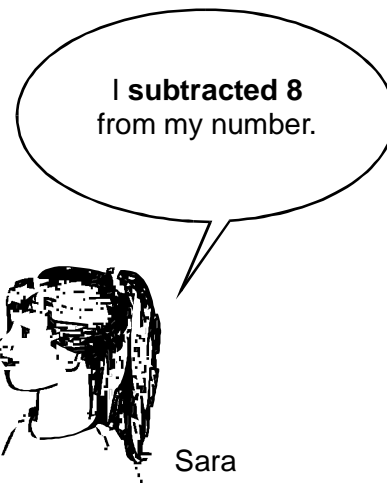
What is the number on the card?



4. Leon and Sara each started with **different** numbers.




Leon



Sara

Leon and Sara both get the **same** answer.

What numbers could they have started with?

 Leon

Sara