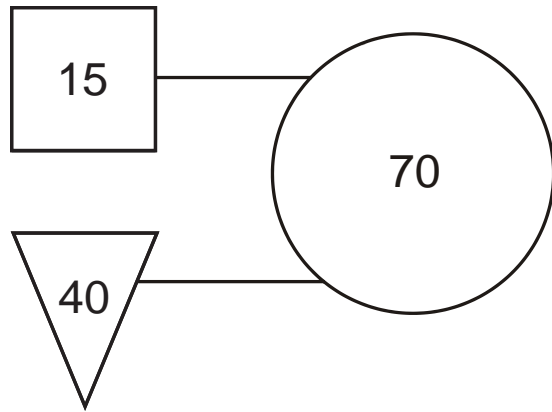
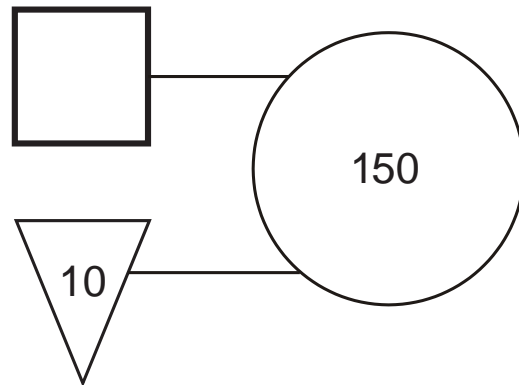
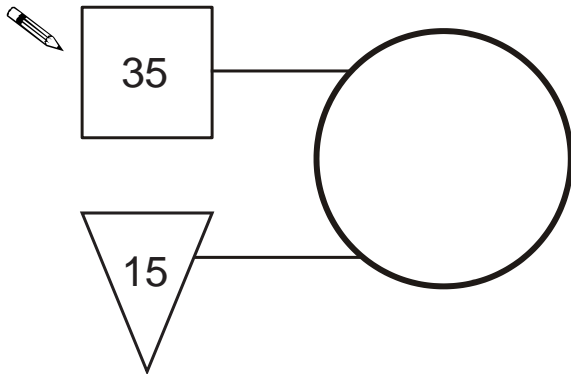


1. In this diagram the rule is

***'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 intended for the student's working. In the bottom right corner of this 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.

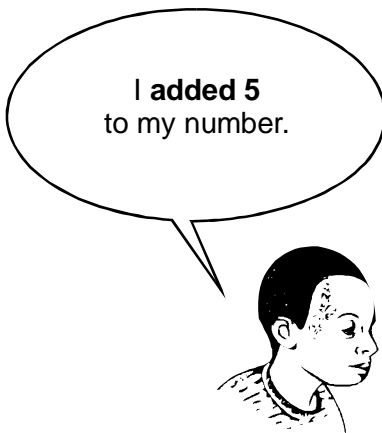
He says,

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

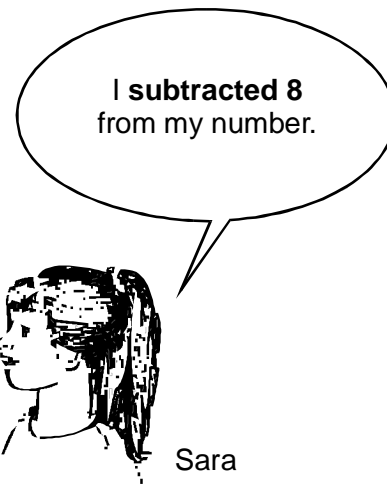
What is the number on the card?

 .....

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