I am thinking of a number…

I am thinking of a number. If I add 14 and then subtract 23 I get 56. What number am I thinking of?

How would we solve this?

56 + 23 – 14 =65

I'm thinking of a number...

- Start from the end of the question and work through it backwards.

- Do the inverse of each calculation. If it asks you to add, then take away. If it asks you to multiply then you divide.

I'm thinking of a number. If I add 20 then divide by 2 I get 35. What number am I thinking of?

I'm thinking of a number. If I add 20 then divide by 2 I get 35. What number am I thinking of?

35 x 2 – 20 = 50

I am thinking of a number. If I multiply it by 2 and then add 27 I get 37. What number did I start with?

I am thinking of a number. If I multiply it by 2 and then add 27 I get 37. What number did I start with?

$$37 - 27 = 10$$
$$10 \div 2 = 5$$