**CHALLENGE:**

**Q1** Jemma thinks of a number. She says,

          ***'Add 3 to my number and then multiply the result by 5 The answer is 35'***

          What is Jemma's number?

**Q2.**          The three numbers on **each line** add up to **763**

          Write in the missing numbers.



**Q3.** Josh thinks of a number.



 He adds 4

          He multiplies his result by 3

          Then he takes away 9

          His final answer is 90

          What number did Josh start with?

**Q4.** Emily chooses two numbers.



          She adds the two numbers together and divides the result by 2

   Her answer is 44

   One of Emily’s numbers is 12

   What is Emily’s other number?

**Q5.** Liam thinks of a number.

                                                             

He divides it by 9 and then adds 25 to the result.

His answer is 36

What number did Liam start with?

**Q7.** A shop sells jars of honey and honey dippers.





Chen bought **three** jars of honey and a dipper.

The total cost was £5.40

The dipper cost 75p.

How much did each jar of honey cost?

 **Q8**. Seb bought 2 apples and 3 pears.

|  |  |
| --- | --- |
| He spent £1.59 altogether. |  |

Apples cost 24p each. How much does one pear cost?

**SUPER CHALLENGE**

**Q9**. 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?

Q10. Sima thinks of a number.

          She **divides** it by **12**. Her answer is **26**.

          What is the number Sima thinks of?