Some more Maths Challenges

‘Find the number!’

For each question, write down a number sentence and then use the inverse operation to solve the problem.

Example:

I think of a number, I add 30 and then halve the number and get the answer 25. What was my number?

? + 30 ÷ 2 = 25

25 x 2 - 30 = 20

1) I think of a number, I double it and subtract 10. My answer is 70. What was my number?

2) I think of a number, I add on 17 and multiply it by three to get the answer 60. What was my number?

3) I think of a number, I subtract 15, add on 2 and halve it. The answer is 16. What was my number?

4) I think of a number. I treble the number and add on 2. My answer is 20. What was my number?

5) I think of a number, I multiply it by 9 and subtract 6 to get the answer 57. What was my number?

6) I think of a number. I halve it and then multiply it by 7. The answer is 28. What was my number?

7) I think of a number. I quarter it and add on 10 to get the answer 14. What was my number?

8) I think of a number. I multiply it by 5, subtract 4 and divide it by 3 to get the answer 7. What was my number?

9) I think of a number. I subtract 12, halve it, add on 33 and divide it be 9. My answer is 6. What was my number?

10) I think of a number. I divide it by 6, add on 4, double it and subtract 7. My answer is 17. What was my number?

**Mental Maths Challenge:**

A box holds 35 grapes.

1. How many grapes are left if you eat 17 grapes?

2. How many people can have 5 grapes each?

3. How many grapes are there in 5 boxes?

4. How many boxes are needed to hold 70 grapes?

5. How many boxes are needed to hold 100 grapes?

There are 19 books on the top shelf and 32 books on

the bottom shelf.

24 of the books are removed.

How many books are left on the shelves?

There are 18 apples, 21 pears and 19 bananas in some

boxes of fruit.

How many pieces of fruit are there altogether?

I think of a number, double it and add 5. The answer is

35. What was my number?