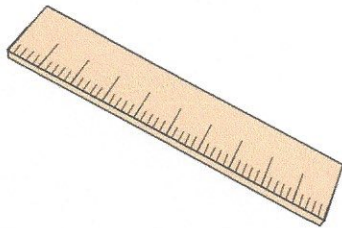


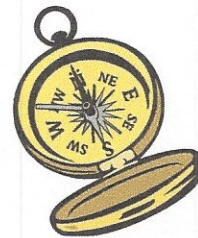
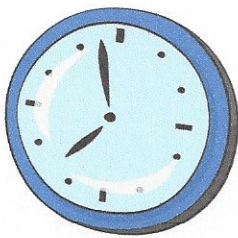
## Primary Practice Questions



Corbettmaths



# Think of a Number



### Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

### Recap

### Remember

- There are daily questions found at  
[www.corbettmaths.com/5-a-day/primary](http://www.corbettmaths.com/5-a-day/primary)

1. Isla thinks of a number

She multiplies it by 3.  
Then she adds 4.

Her answer is 22

What was the number Isla started with?

$$22 - 4 = 18$$

$$18 \div 3 = 6$$

6

- 
2. Danny thinks of a number

He subtracts 8 and then multiplies by 6.

His answer is 30

What was the number Danny first thought of?

$$30 \div 6 = 5$$

$$5 + 8 = 13$$

13

3. Eva thinks of a number

She divides the number by 4.  
Then she adds 7.

Her answer is 13.

What was the number Eva first thought of?

$$13 - 7 = 6$$

$$6 \times 4 = 24$$

24

- 
4. John thinks of a number

He add 19.  
Then he doubles the answer.

His final answer is 100.

What was the number John first thought of?

$$100 \div 2 = 50$$

$$50 - 19 = 31$$

31

5. Sam thinks of a number.

He halved his number and then added 75.

The answer is 101.

What was the number Sam first thought of?

$$101 - 75 = 26$$

$$26 \times 2 = 52$$

52

- 
6. Harry thinks of a number.

He multiplies his number by 3.

Harry then adds 8.

He then multiplies his result by 4.

His final answer is 80

What was the number Harry first thought of?

$$80 \div 4 = 20$$

$$20 - 8 = 12$$

$$12 \div 3 = 4$$

4



7. Isabelle thinks of a **whole** number

She multiplies it by 3

She rounds her answer to the nearest 10.

The result is 40.

Write all the possible numbers that Isabelle could have started with

36 39 42

12, 13, 14

- 
8. Jonathan thinks of a number.

He adds 9

He multiplies his result by 12

Then he takes away 16.

His final answer is 80.

What number did Jonathan start with?

$$80 + 16 = 96$$

$$96 \div 12 = 8$$

$$8 - 9 = -1$$

-1

9. Shannon thinks of a number

She **multiplies the number by 6** and then **subtracts 70** from the result

Her answer equals the number she started with.

What was the number Shannon started with?

$$14 \times 6 = 84$$

$$84 - 70 = 14$$

14
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10. Pip thinks of a number

He **multiplies the number by 4** and then **subtracts 72** from the result

His answer equals the number he started with.

What was the number Pip started with?

$$24 \times 4 = 96$$

$$96 - 72 = 24$$

24
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11. Molly thinks of a number

She adds half of the number to a third of the number.

Her answer is 75.

What was the number Molly first thought of?

$$\begin{array}{l} \frac{1}{2} \text{ of } 90 = 45 \\ \frac{1}{3} \text{ of } 90 = 30 \end{array} \left. \vphantom{\begin{array}{l} \frac{1}{2} \text{ of } 90 = 45 \\ \frac{1}{3} \text{ of } 90 = 30 \end{array}} \right\} 75$$

90
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12. Luke thinks of a number

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

His answer is 100.

What was the number Luke first thought of?

$$\frac{1}{2} \text{ of } 120 = 60$$

$$\frac{1}{3} \text{ of } 120 = 40$$

$$60 + 40 = 100$$

120
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