

I Think of a Number Problems



1) I think of a number and call it x .
I multiply my number by 6 and subtract 7 from the result.
My answer is 29.
What number did I think of?

2) I think of a number and call it n .
I multiply my number by 8 and subtract the result from 17.
My answer is 1.
What number did I think of?

3) I think of a number.
I subtract 3 from my number and multiply the result by 5.
The answer is 65.
What number did I think of?

4) I think of a number.
I double it, subtract the result from 7 and then multiply the result by 3.
My answer is the number I first thought of.
What number did I think of?

5) I think of a number.
I multiply my number by 4 and subtract 2 from the result.
My answer is double the number I first thought of.
What number did I think of?

6) I think of a number.
I divide my number by 9.
The answer is equal to the first number I thought of subtracted from 90.
What number did I think of?

7) I think of a number.
I add 7 to my number then divide the result by 2.
The answer is the same as the number I first thought of subtracted from 11.
What number did I think of?

8) Jarnay and Kayla think of the same number.
Jarnay doubles her number then adds 3.
Kayla multiplies her number by 4, subtracts 9 and then multiplies the result by 3.
Their answers are the same.
What number did they both first think of?