Think of a Number (1)

Remember to work backwards through the questions and turn the operations into their inverse partners!!

+ and x

– and ÷

1. I think of a number. I multiply it by 2 and my answer is 24. What was my number?
2. I think of a number. I add 16 and my answer is 36. What was my number?
3. I think of a number. I subtract 25 and add 2. My answer is 27, what was my number?
4. I think of a number. I add 15 and then multiply by 2. My answer is 32, what was my number?
5. I think of a number. I divide by 2, add 98 and my answer is 100. What was my number?

Now write your own "I think of a number" word problem.

Think of a Number (2)

Remember to work backwards through the questions and turn the operations into their inverse partners!!

+ and x

– and ÷

1. I think of a number. I multiply it by 2, add 50 and my answer is 74. What was my number?
2. I think of a number. I add 16, subtract 30 and my answer is 36. What was my number?
3. I think of a number. I subtract 25 and add 2. I then multiply by 2. My answer is 154, what was my number?
4. I think of a number. I add 15 and multiply by 2. Then I divide by 2 and my answer is 16, what was my number?
5. I think of a number. I divide by 2, add 98 and my answer is 100. What was my number?
6. I think of a number. I add 50, multiply by 3 and subtract 25. My answer is 275. What was my number?
7. I think of a number. I multiply by 20, divide by 10 and subtract 5. The answer is 195. what was my number?
8. I think of a number. I double it, add 31, and then subtract 4. My answer is 149, what was my number?

Now write your own "I think of a number word problem" and explanation of how to work it out.

Think of a Number (3)

Remember to work backwards through the questions and turn the operations into their inverse partners!!

+ and x

− and ÷

1. I think of a number. I subtract 25 and add 2. I then multiply by 2. My answer is 154, what was my number?
2. I think of a number. I add 15 and multiply by 2. Then I divide by 2 and my answer is 16, what was my number?
3. I think of a number. I divide by 2, add 98 and my answer is 100. What was my number?
4. I think of a number. I add 50, multiply by 3 and subtract 25. My answer is 275. What was my number?
5. I think of a number. I multiply by 20, divide by 10 and subtract 5. The answer is 195. what was my number?
6. I think of a number. I double it, add 31, and then subtract 4. My answer is 149, what was my number?
7. I think of a number, I multiply it by 2, and then add 9. The answer is 20. What was my number?
8. I think of a number, I divide by 4, add 1.5 and then double it. My answer is 23. what was the number?
9. I think of a number, I multiply by itself, subtract 44, add 10 and my answer is 110. What was the number?
10. I think of a number, I subtract 35, add 5 and then multiply by 1. My answer is 0. What was the number?

Now write your own "I think of a number word problem" and explanation of how to work it out.

Answers

1. I think of a number. I multiply it by 2 and my answer is 24. What was my number? 12

2. I think of a number. I add 16 and my answer is 36. What was my number? 20

3. I think of a number. I subtract 25 and add 2. My answer is 27, what was my number? 50

4. I think of a number. I add 15 and then multiply by 2. My answer is 32, what was my number? 1

5. I think of a number. I divide by 2, add 98 and my answer is 100. What was my number? 4

1. I think of a number. I multiply it by 2, add 50 and my answer is 74. What was my number? 12
2. I think of a number. I add 16, subtract 30 and my answer is 36. What was my number? 50
3. I think of a number. I subtract 25 and add 2. I then multiply by 2. My answer is 154, what was my number? 100
4. I think of a number. I add 15 and multiply by 2. Then I divide by 2 and my answer is 16, what was my number? 1
5. I think of a number. I divide by 2, add 98 and my answer is 100. What was my number? 4
6. I think of a number. I add 50, multiply by 3 and subtract 25. My answer is 275. What was my number? 50
7. I think of a number. I multiply by 20, divide by 10 and subtract 5. The answer is 195. what was my number? 100
8. I think of a number. I double it, add 31, and then subtract 4. My answer is 149, what was my number? 61

1. I think of a number. I subtract 25 and add 2. I then multiply by 2. My answer is 154, what was my number? 100
2. I think of a number. I add 15 and multiply by 2. Then I divide by 2 and my answer is 16, what was my number? 1
3. I think of a number. I divide by 2, add 98 and my answer is 100. What was my number? 4
4. I think of a number. I add 50, multiply by 3 and subtract 25. My answer is 275. What was my number? 50
5. I think of a number. I multiply by 20, divide by 10 and subtract 5. The answer is 195. what was my number? 100
6. I think of a number. I double it, add 31, and then subtract 4. My answer is 149, what was my number? 61
7. I think of a number, I multiply it by 2, and then add 9. The answer is 20. What was my number? 5.5
8. I think of a number, I divide by 4, add 1.5 and then double it. My answer is 23. what was the number? 40
9. I think of a number, I multiply by itself, subtract 44, add 10 and my answer is 110. What was the number? 12
10. I think of a number, I subtract 35, add 5 and then multiply by 1. My answer is 0. What was the number? 30