

Work Backwards

Practice — ANSWER KEY

Undo two steps, from the end.

Think: Start at the END and undo each step in reverse order.

1. Work backwards to find the starting number. Undo each step!

1) I thought of a number, then added 39, then added 21, and got 63. What was my number?



My number = 3

2) I thought of a number, then subtracted 13, then added 6, and got 6. What was my number?



My number = 13

3) I thought of a number, then added 37, then added 17, and got 77. What was my number?



My number = 23

4) I thought of a number, then subtracted 3, then added 23, and got 29. What was my number?



My number = 9

5) I thought of a number, then added 21, then subtracted 8, and got 28. What was my number?



My number = 15

6) I thought of a number, then subtracted 6, then subtracted 4, and got 6. What was my number?



My number = 16

7) I thought of a number, then subtracted 10, then added 19, and got 32. What was my number?



My number = 23

8) I thought of a number, then subtracted 11, then added 35, and got 46. What was my number?



My number = 22