

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 subtracted 16, then added 31, and got 40. What was my number?



My number = 25

2) I thought of a number, then added 30, then subtracted 20, and got 22. What was my number?



My number = 12

3) I thought of a number, then added 22, then added 36, and got 79. What was my number?



My number = 21

4) I thought of a number, then added 23, then subtracted 10, and got 23. What was my number?



My number = 10

5) I thought of a number, then subtracted 26, then added 30, and got 32. What was my number?



My number = 28

6) I thought of a number, then added 21, then subtracted 18, and got 12. What was my number?



My number = 9

7) I thought of a number, then subtracted 16, then subtracted 2, and got 4. What was my number?



My number = 22

8) I thought of a number, then added 33, then subtracted 22, and got 23. What was my number?



My number = 12