

Negative Numbers

Practice — ANSWER KEY

Adding and subtracting across zero.

Think: Adding moves you RIGHT; subtracting moves you LEFT — even when you start below zero.

1. Answers with the thinking.

1) Compute: $-4 - 12 = ?$ **-16**

↳ move 12 further left

3) Compute: $-5 - 8 = ?$ **-13**

↳ move 8 further left

5) Compute: $-4 + 18 = ?$ **14**

↳ start at -4, move 18 right

7) The temperature is -7°C . It rises by 9 degrees. What is the temperature now? **2°C**

↳ $-7 + 9$

9) Compute: $-1 - 5 = ?$ **-6**

↳ move 5 further left

11) Compute: $-3 + 12 = ?$ **9**

↳ start at -3, move 12 right

2) The temperature is -2°C . It rises by 4 degrees. What is the temperature now? **2°C**

↳ $-2 + 4$

4) Compute: $-6 - 2 = ?$ **-8**

↳ move 2 further left

6) The temperature is -14°C . It rises by 2 degrees. What is the temperature now? **-12°C**

↳ $-14 + 2$

8) Compute: $-3 - 8 = ?$ **-11**

↳ move 8 further left

10) The temperature is -12°C . It rises by 1 degrees. What is the temperature now? **-11°C**

↳ $-12 + 1$

12) The temperature is -2°C . It rises by 11 degrees. What is the temperature now? **9°C**

↳ $-2 + 11$