

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.

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| 1) The temperature is -12°C . It rises by 2 degrees. What is the temperature now? -10°C
↳ $-12 + 2$ | 2) Compute: $-2 - 5 = ?$ -7
↳ move 5 further left |
| 3) The temperature is -6°C . It rises by 10 degrees. What is the temperature now? 4°C
↳ $-6 + 10$ | 4) Compute: $-7 + 11 = ?$ 4
↳ start at -7 , move 11 right |
| 5) Compute: $-5 - 3 = ?$ -8
↳ move 3 further left | 6) Compute: $-8 + 17 = ?$ 9
↳ start at -8 , move 17 right |
| 7) Compute: $-8 - 5 = ?$ -13
↳ move 5 further left | 8) Compute: $-5 + 16 = ?$ 11
↳ start at -5 , move 16 right |
| 9) Compute: $-1 - 10 = ?$ -11
↳ move 10 further left | 10) Compute: $-6 - 11 = ?$ -17
↳ move 11 further left |
| 11) The temperature is -12°C . It rises by 3 degrees. What is the temperature now? -9°C
↳ $-12 + 3$ | 12) Compute: $-2 - 7 = ?$ -9
↳ move 7 further left |