

Guided Practice

Write an expression. Then find the value of the expression.

(Examples 1, 2, 3)

1. Tomas works as an underwater photographer. He starts at a position that is 15 feet below sea level. He rises 9 feet, then descends 12 feet to take a photo of a coral reef. Write and evaluate an expression to find his position relative to sea level when he took the photo.

2. The temperature on a winter night was -23°F . The temperature rose by 5°F when the sun came up. When the sun set again, the temperature dropped by 7°F . Write and evaluate an expression to find the temperature after the sun set.

3. Jose earned 50 points in a video game. He lost 40 points, earned 87 points, then lost 30 more points. Write and evaluate an expression to find his final score in the video game.

Find the value of each expression. (Example 2)

4. $-6 + 15 + 15 =$ _____

5. $9 - 4 - 17 =$ _____

6. $50 - 42 + 10 =$ _____

7. $6 + 13 + 7 - 5 =$ _____

8. $65 + 43 - 11 =$ _____

9. $-35 - 14 + 45 + 31 =$ _____

Determine which expression has a greater value. (Example 3)

10. $-12 + 6 - 4$ or $-34 - 3 + 39$

11. $21 - 3 + 8$ or $-14 + 31 - 6$



ESSENTIAL QUESTION CHECK-IN

12. Explain how you can find the value of the expression $-5 + 12 + 10 - 7$.
