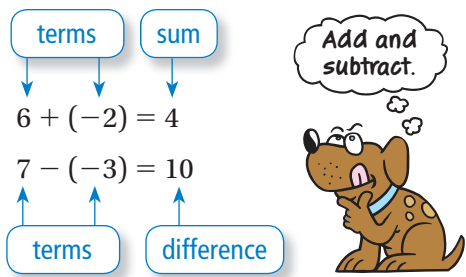


REVIEW: Adding and Subtracting Integers

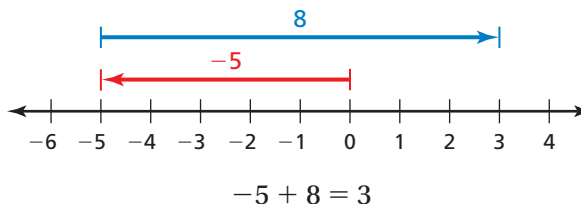
Name _____

Key Concept and Vocabulary



Visual Model

Positive numbers involve movement to the right.
Negative numbers involve movement to the left.



Skill Examples

1. $5 + (-3) = 2$

2. $5 - (-2) = 5 + 2 = 7$

3. $-2 + 4 = 2$

4. $-3 - (-2) = -3 + 2 = -1$

5. $8 - (-3) = 8 + 3 = 11$

To subtract,
add the
opposite.

Application Example

6. The temperature is 8°F in the morning and drops to -5°F in the evening. What is the difference between these temperatures?

$$8 - (-5) = 8 + 5 = 13$$

∴ The difference is 13 degrees.

PRACTICE MAKES PURR-FECT®



Check your answers at BigIdeasMath.com.

Find the sum or difference.

7. $-2 + 3 =$ _____

8. $-4 - 5 =$ _____

9. $8 - 2 =$ _____

10. $8 - (-2) =$ _____

11. $-4 - (-1) =$ _____

12. $-5 + (-5) =$ _____

13. $4 - (-8) =$ _____

14. $4 - 8 =$ _____

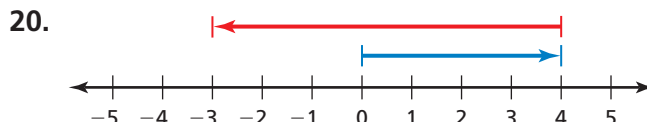
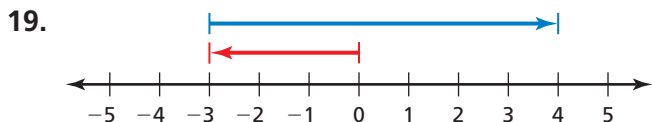
15. $-4 + (-6) =$ _____

16. $-4 - (-6) =$ _____

17. $10 - 13 =$ _____

18. $13 - (-10) =$ _____

Write the addition or subtraction shown by the number line.



21. **TEMPERATURE** The temperature is 16°F in the morning and drops to -15°F in the evening. What is the difference between these temperatures? _____

22. **SUBMARINE** A submarine is 450 feet below sea level. It descends 300 feet. What is its new position? Show your work.

