

# -4 Adding Integers with Different Signs (continued)

Find each sum.

- |                  |                  |                  |
|------------------|------------------|------------------|
| 1. $5 + (-12)$   | 2. $-3 + 19$     | 3. $13 + (-2)$   |
| 4. $-11 + 23$    | 5. $-40 + 10$    | 6. $-7 + 7$      |
| 7. $14 + (-14)$  | 8. $-24 + 31$    | 9. $16 + (-23)$  |
| 10. $-25 + (-8)$ | 11. $-8 + 2$     | 12. $-15 + 30$   |
| 13. $12 + (-18)$ | 14. $-54 + 51$   | 15. $-22 + 22$   |
| 16. $-81 + 16$   | 17. $7 + (-9)$   | 18. $41 + (-20)$ |
| 19. $67 + (-67)$ | 20. $17 + (-10)$ | 21. $-29 + 9$    |
| 22. $13 + (-27)$ | 23. $63 + (-18)$ | 24. $-28 + 37$   |
| 25. $-11 + 2$    | 26. $-6 + 14$    | 27. $27 + (-27)$ |
| 28. $10 + (-33)$ | 29. $22 + (-6)$  | 30. $-31 + 17$   |

**Example 2** Find the sum.

$$6 + (-8) + 4$$

**Solution**  $\underbrace{6 + (-8)} + 4$  Add 6 and -8.

$$\quad \quad \underbrace{-2 + 4}$$
 Add -2 and 4.

$$\quad \quad \quad 2$$

$$\text{So } 6 + (-8) + 4 = 2.$$

Find each sum.

- |                        |                         |
|------------------------|-------------------------|
| 31. $3 + (-7) + 9 = 5$ | 32. $-10 + 7 + (-41)$   |
| 33. $-1 + (-8) + 4$    | 34. $6 + 8 + (-6)$      |
| 35. $2 + (-13) + 11$   | 36. $8 + (-27) + (-12)$ |
| 37. $-4 + 11 + 2$      | 38. $5 + (-4) + (-2)$   |

## Spiral Review

39. Find the sum mentally:  $36 + 18 + 24$  (Lesson 1-6)
40. Find the next three numbers in the pattern:  
2, 8, 14, 20, ?, ?, ? (Lesson 2-5)
41. Write 640,000 in scientific notation. (Lesson 2-10)
42. Find the sum:  $-39 + 27$  (Lesson 3-3)