

**Practice B**

For use with pages 72–77

Use a number line to find the sum of the numbers.

- |                  |   |  |
|------------------|---|--|
| 1. 3 and -6      | 2. -2 and 13  | 3. -8 and -7                                   |
| 4. 11 and -11    | 5. 3, 5, and -6   | 6. -4, 5, and -1                               |
| 7. -12, 7, and 4 | 8. $1\frac{3}{4}$ , $-2\frac{1}{4}$ , and $-3\frac{1}{2}$ | 9. $-5$ , $-1\frac{1}{2}$ , and $-\frac{3}{4}$ |

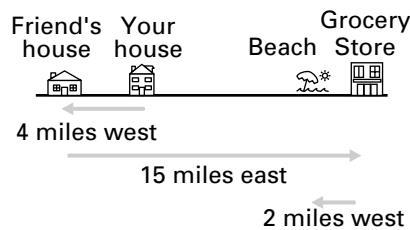
Find the sum.

- |                              |   |                                   |
|------------------------------|---|-----------------------------------|
| 10. $-9 + 2$                 | 11. $0 + (-10)$                                     | 12. $-15 + (-18)$                 |
| 13. $23 + (-4)$              | 14. $5 + (-7) + (-12)$                              | 15. $-8 + 19 + (-3)$              |
| 16. $21 + (-16) + 30$        | 17. $-14 + 0 + (-41)$                               | 18. $-4.5 + (-3.2) + 8.1$         |
| 19. $-3.4 + (-3.4) + (-3.4)$ | 20. $\frac{3}{4} + (-\frac{1}{2}) + (-\frac{1}{4})$ | 21. $-0.25 + 6 + (-2\frac{3}{4})$ |

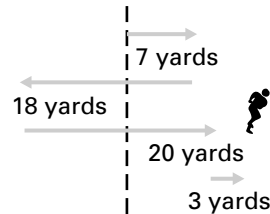
Evaluate the expression for the given value of  $x$ .

- |                               |                                    |                               |
|-------------------------------|------------------------------------|-------------------------------|
| 22. $9 + x + (-10)$ , $x = 3$ | 23. $x + (-6) + (-7)$ , $x = -11$  | 24. $x + (-14) + 2$ , $x = 8$ |
| 25. $-12 + 5 + x$ , $x = -13$ | 26. $-3 + 8 + x + (-4)$ , $x = 16$ | 27. $-12 + x + x$ , $x = -6$  |

28. **Mileage** You pick up your friend, stop at the grocery store to buy a picnic lunch, and then go to the beach. Your friend lives 4 miles west of your house, the grocery store is 15 miles east of your friend's house, and the beach is 2 miles west of the grocery store. When you are at the beach, how far away from home are you?



29. **Football** Your school football team recovered the ball on a fumble and needs to gain 16 yards to score a touchdown. On first down, the team rushed for 7 yards. The quarterback was sacked and lost 18 yards on second down. On third down, a 20-yard pass was completed. On fourth down, the team rushed for 3 yards. Did the team score a touchdown? Did the team get a first down (a gain of ten yards)?



30. **Company Profits** The graph at the right represents the profit earned by a company during the first two quarters of the year. Did the company make a net profit? If so, how much?

