LESSON 2.2 — Practice A
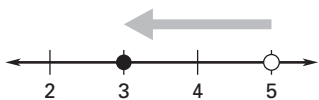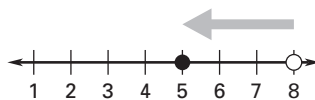*For use with pages 73–79*

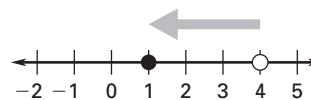**Write the sum represented by the figure. Then find the sum.**
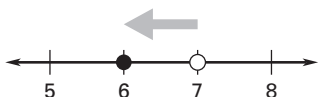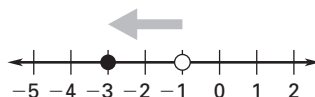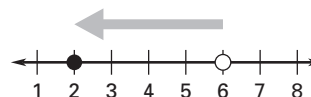
1.

2.

3.

4.

5.

6.

Use a number line to find the sum.

7. $-5 + 9$

8. $-3 + 6$

9. $-8 + 2$

10. $-10 + 7$

11. $-2 + (-7)$

12. $-10 + (-8)$

13. $14 + (-5)$

14. $-8 + 15$

15. $-9 + (-1)$

Find the sum.

16. $-13 + 7$

17. $15 + (-4)$

18. $-7 + (-9)$

19. $7.9 + (-3.6)$

20. $-6.7 + 3.2$

21. $-2.4 + (-3.3)$

22. $-1.4 + 5.8$

23. $14.1 + (-10.5)$

24. $-5.8 + 9.4$

Identify the property being illustrated.

25. $-8 + 8 = 0$
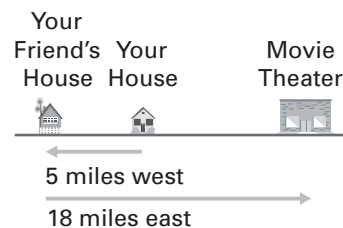
26. $(-3 + 4) + 5 = -3 + (4 + 5)$

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

27. $2 + x + (-7); x = 8$

28. $x + 7 + (-7); x = 4$

29. $8 + x + (-5); x = -4$

30. **Mileage** You are picking up a friend and going to a movie. Your friend lives 5 miles west of your house and the movie theater is 18 miles east of your friend's house. When you are at the movie, how far away from your home are you?

Your Friend's House   Your House   Movie Theater

5 miles west

18 miles east

Not drawn to scale

31. **Football** During a recent school football game, your quarterback was sacked and lost 8 yards on the first down. On the second down, a 15-yard pass was completed. On the third down, your team rushed for 4 yards. Did your team get a first down (a gain of 10 yards) as a result of these plays? How many net yards did they gain?

8 yards
15 yards
4 yards

LESSON 2.2