1. Yes, a function   D: $\{-7, -6, -2, 3, 8\}$ R: $\{2, 3, 4, 5\}$

3. Yes, a function   D: $\{1, 2, 3, 4, 5, 6, 7, 8\}$ R: $\{2, 3, 4, 5, 6, 7, 8, 9\}$

5. No, the relation is NOT a function because the x-value 6 has two different y-values 9 & 10.

7. No, fails the vertical line test.

9. Yes, passes the vertical line test.

11. No, the relation is NOT a function because the x-value 4 has two different y-values 5 & 6.

13. Yes, passes the vertical line test.

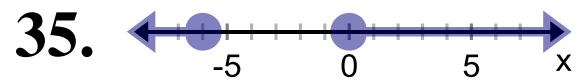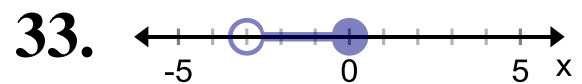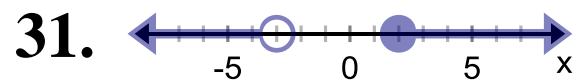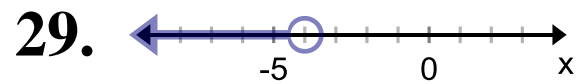15. No, fails the vertical line test.

17. $g(4) = 32$

19. $f(9) = 61$

21. $f(a) = 6a + 7$

23. $g(6) + f(0) = 67$

25. $2 + f(-9) = -45$

27. $\longleftarrow \bullet$

       0   5   x

29. $\longleftarrow \circ$

    -5   0   x

31. $\longleftrightarrow$

    -5   0   5   x

33.

    -5   0   5 x

35. $\longleftrightarrow$

    -5   0   5   x

37. $x \geq 2$

39. $-2 \leq x < 4$