

Answers for Lesson 1-2, pp. 12–13 Exercises

1. Answers may vary. Sample: Integers include whole numbers and their opposites.
2. *E*
3. *A*
4. *D*
5. *B*
6. 52
7. 26
8. 0
9. 200
10. $-12, -9, -8, 0, 2, 5, 10$
11. $-16, -13, -6, -4, 2, 7, 11$
12. $-15, -12, -9, -6, -2, -1$
13. $-33, -27, -19, 19, 27, 33$
14. helium, neon, nitrogen, oxygen, radon, chlorine, iodine
15. 48
16. 13
17. 70
18. 186
19. Mount Kilimanjaro
20. a. The second golfer wins.
b. by three
21. $5|-x|$
22. Colorado
23. Yes; the record in Kansas is -40°C , which is colder than -38°C .
24. $=$
25. $<$
26. $>$
27. $<$
28. 11, 12, 13, or 14
29. No; for example, $|-5| > |1|$, but $-5 < 1$.
30. Yes; answers may vary. Sample: -1.5 and 1.5 are the same distance from 0 on a number line.
31. for all non-positive values of x
32. *C*
33. *J*
34. *B*
35. $25 + 34.95m$; \$59.95; \$129.85; \$234.70