Answers

Chapter 8 Practice Test

1. D **2.** A **3.** B **4.** C **5.** variable **6.** $v = -6.39$

7. $x = -\dfrac{3}{2}$
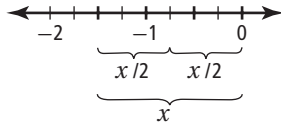
8. a) Example: Distribute, combine like terms, divide
b) No, distribution is the only difference.

9. a) $a = -7$ **b)** $d = -0.8$

10. a) $x = -4.07$ **b)** $s = -0.26$

11. a) $r = 1.55$ cm **b)** $s = 27$ cm

12. 9 deposits

13. At 3 h, Dana and Tom charge the same amount.

14. The perimeter is 10 units.

15. a) The error was forgetting to distribute the -3.1 to the 3 in step 1.
b) $n = -3.48$