

Answer Key

Practice A

1. direct variation 2. inverse variation

3. neither 4. inverse variation

5. $y = \frac{8}{x}; 2$ 6. $y = -\frac{9}{x}; -\frac{9}{4}$

7. $y = -\frac{36}{x}; -9$ 8. $y = \frac{12}{x}; 3$

9. $y = \frac{4}{x}; 1$ 10. $y = \frac{5}{x}; \frac{5}{4}$ 11. direct variation

12. neither 13. inverse variation 14. direct
variation 15. $z = 3xy; -36$ 16. $z = \frac{2}{3}xy; -8$

17. $z = 2xy; -24$ 18. $z = -\frac{1}{3}xy; 4$

19. $k = 0.055$ 20. $I = 0.055Pt$ 21. \$220.00