

Answer Key

Practice B

1. direct variation 2. direct variation
3. inverse variation 4. neither
5. direct variation 6. neither
7. $y = \frac{54}{x}; 18$ 8. $y = \frac{4}{x}; \frac{4}{3}$ 9. $y = \frac{3}{x}; 1$
10. $z = \frac{3}{4}xy; -\frac{9}{2}$ 11. $z = 32xy; -192$
12. $z = 3xy; -18$ 13. $k = 0.035$
14. $I = 0.035Pt$ 15. \$612.50 16. $k = 12.84$
17. $PV = 12.84$ 18. 10.7 cubic liters