

1.4 Practice A

Solve the equation for y .

1. $\frac{2}{5}x + y = 7$

2. $24 = 4x + 6y$

3. $5x - \frac{1}{2}y = 3$

4. $6\pi = x + 2y$

5. The formula $d = 2r$ can be used to find the distance d traveled after 2 hours when driving at rate r .

a. Solve the formula for r .

b. Find the rate r when the distance traveled is 130 miles.

Solve the equation for the bold variable.

6. $P = \mathbf{R} + C$

7. $p = \frac{\mathbf{X}}{N}$

8. $V = \frac{1}{3}\pi r^2 \mathbf{h}$

9. $A = \frac{1}{2}b \mathbf{h}$