

Name: _____ Date: _____

Solving Proportions

Solve each proportion.

$$1. \frac{3}{8} = \frac{m}{16}$$

$$5. \frac{12}{q} = \frac{3}{4}$$

$$9. \frac{4}{5} = \frac{b}{40}$$

$$2. \frac{9}{4} = \frac{27}{x}$$

$$6. \frac{3}{2} = \frac{15}{r}$$

$$10. \frac{8}{12} = \frac{e}{3}$$

$$3. \frac{18}{6} = \frac{j}{1}$$

$$7. \frac{5}{x} = \frac{25}{15}$$

$$11. \quad \begin{array}{l} 5 \text{ is to } 8 \text{ as} \\ 15 \text{ is to } w \end{array}$$

$$4. \frac{b}{18} = \frac{7}{6}$$

$$8. \frac{80}{20} = \frac{4}{n}$$

$$12. \quad \begin{array}{l} 14 \text{ is to } b \\ \text{as } 28 \text{ is to } 18 \end{array}$$