

Proportion Solving

A proportion is an equation that states that two ratios are equal.

Determine whether the pair of ratios forms a proportion.

1. $\frac{5}{6}, \frac{20}{24}$	2. $\frac{2}{3}, \frac{8}{15}$
3. $\frac{9}{7}, \frac{54}{42}$	4. $\frac{8}{18}, \frac{28}{45}$
5. $\frac{15}{20}, \frac{42}{56}$	6. $\frac{7}{1.6}, \frac{35}{8}$
7. $\frac{0.5}{18}, \frac{1.5}{40}$	8. $\frac{16.2}{68.4}, \frac{9}{38}$
9. $\frac{16}{12}, \frac{x}{3}$	10. $\frac{7}{8}, \frac{21}{x}$

$$11. \frac{26}{w}, \frac{5}{6}$$

$$12. \frac{a}{9}, \frac{14}{63}$$