

Name: _____

Date: _____

Solving Proportions

Use equivalent fractions:

$$\frac{2}{3} = \frac{8}{x}$$

$$\frac{2}{5} = \frac{x}{20}$$

$$\frac{4}{5} = \frac{16}{x}$$

$$\frac{3}{8} = \frac{x}{24}$$

$$\frac{x}{3} = \frac{3}{9}$$

$$\frac{2}{x} = \frac{20}{30}$$

$$\frac{x}{5} = \frac{10}{25}$$

$$\frac{3}{x} = \frac{12}{16}$$

Simplify and then use equivalent fractions:

$$\frac{4}{6} = \frac{6}{x}$$

$$\frac{6}{8} = \frac{x}{28}$$

$$\frac{3}{12} = \frac{5}{x}$$

$$\frac{4}{12} = \frac{x}{27}$$

Use cross products to set up an equation and solve.

$$\frac{2}{3} = \frac{5}{x}$$

$$\frac{2}{5} = \frac{x}{12}$$

$$\frac{4}{5} = \frac{7}{x}$$

$$\frac{3}{8} = \frac{x}{9}$$

$$\frac{3}{5} = \frac{8}{x}$$

$$\frac{5}{6} = \frac{x}{7}$$

$$\frac{9}{5} = \frac{2}{x}$$

$$\frac{3}{7} = \frac{x}{5}$$