

## Worksheet 1 - Testing and Solving Proportions

State if each pair of ratios forms a proportion.

1)  $\frac{16}{6}$  and  $\frac{4}{3}$

2)  $\frac{9}{4}$  and  $\frac{3}{2}$

3)  $\frac{4}{12}$  and  $\frac{2}{4}$

4)  $\frac{3}{4}$  and  $\frac{9}{12}$

Solve each proportion.

5)  $\frac{2}{3} = \frac{p}{4}$

6)  $\frac{k}{2} = \frac{2}{3}$

7)  $\frac{4}{3} = \frac{2}{m}$

8)  $\frac{n}{3} = \frac{4}{2}$

$$9) \frac{9}{5} = \frac{7}{v}$$

$$10) \frac{4}{b} = \frac{2}{9}$$

$$11) \frac{3}{x} = \frac{6}{9}$$

$$12) \frac{n}{5} = \frac{8}{10}$$

$$13) \frac{7}{3} = \frac{12}{n}$$

$$14) \frac{5}{x} = \frac{8}{5}$$

$$15) \frac{7}{x} = \frac{20}{16}$$

$$16) \frac{20}{12} = \frac{m}{13}$$