 Name_____

Worksheet 1 - Testing and Solving Proportions

Date_____ Period____

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 $\frac{9}{12}$

5) $\frac{9.6}{16}$ and $\frac{2.4}{4}$

6) $\frac{4.2}{6.6}$ and $\frac{2.1}{3.3}$

Solve each proportion.

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

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

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

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

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

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

13) $\frac{9}{b} = \frac{18}{14}$

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

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

16) $\frac{12}{14} = \frac{p}{20}$

17) $\frac{4.3}{3.8} = \frac{3}{m}$

18) $\frac{n}{2.2} = \frac{3.1}{3.7}$

19) $\frac{p}{5.4} = \frac{3}{2.3}$

20) $\frac{2}{5.3} = \frac{x}{3}$