

Proportions Problem Set

Name: _____

1) $\frac{4}{9} = \frac{2}{x}$

7) $\frac{6}{a} = \frac{3}{8}$

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

8) $\frac{7}{9} = \frac{a}{5}$

3) $\frac{p}{8} = \frac{13}{2}$

9) $\frac{3}{13} = \frac{v}{3}$

4) $\frac{10}{12} = \frac{2}{n}$

10) $\frac{11}{10} = \frac{r}{11}$

5) $\frac{x}{9} = \frac{7}{14}$

11) $\frac{a}{10} = \frac{11}{14}$

6) $\frac{v}{12} = \frac{10}{2}$

12) $\frac{6}{14} = \frac{5}{n}$

$$13) \quad \frac{5}{x} = \frac{2}{x-3}$$

$$14) \quad \frac{5}{4} = \frac{x+5}{x-3}$$

$$15) \quad \frac{6}{x} = \frac{3}{x-3}$$

$$16) \quad \frac{7}{4} = \frac{x+5}{x-3}$$

$$17) \quad \frac{9}{5} = \frac{2x}{x+3}$$

$$18) \quad \frac{3}{5} = \frac{x-4}{x+2}$$

$$19) \quad \frac{3}{2} = \frac{x-3}{x-8}$$

$$20) \quad \frac{7}{2} = \frac{x+7}{x-3}$$