

Solving Proportions

Name: _____ Date: _____ Hour: _____

$$1) \quad \frac{3}{10} = \frac{a}{a+2}$$

$$2) \quad \frac{x+1}{9} = \frac{x+2}{2}$$

$$3) \quad \frac{v-5}{v+6} = \frac{4}{9}$$

$$4) \quad \frac{n+8}{10} = \frac{n-9}{4}$$

$$5) \quad \frac{x+5}{5} = \frac{6}{x-2}$$

$$6) \quad \frac{4}{x-3} = \frac{x+5}{5}$$

$$7) \quad \frac{3}{x+4} = \frac{x+2}{5}$$

$$8) \quad \frac{x-5}{4} = \frac{-3}{x+3}$$

$$9) \quad \frac{7}{x-1} = \frac{4}{x-6}$$

$$10) \quad \frac{k+5}{k-6} = \frac{8}{5}$$

$$11) \quad \frac{3}{x+1} = \frac{2}{x-3}$$

$$12) \quad \frac{x+3}{x-2} = \frac{x+4}{x-5}$$

$$13) \quad \frac{2}{x} = \frac{x}{5x+12}$$

$$14) \quad \frac{2x-3}{x+1} = \frac{x+6}{x-2}$$
