

Equivalent Fractions

A) Fill in the missing numbers.

$$1) \quad \frac{5}{\quad} = \frac{10}{4}$$

$$2) \quad \frac{21}{27} = \frac{\quad}{9}$$

$$3) \quad \frac{\quad}{9} = \frac{25}{45}$$

$$4) \quad \frac{23}{\quad} = \frac{46}{32}$$

$$5) \quad \frac{3}{4} = \frac{\quad}{16}$$

$$6) \quad \frac{8}{44} = \frac{2}{\quad}$$

$$7) \quad \frac{9}{12} = \frac{3}{\quad}$$

$$8) \quad \frac{\quad}{6} = \frac{1}{2}$$

$$9) \quad \frac{39}{\quad} = \frac{13}{15}$$

B) Find the value of each variable.

$$1) \quad \frac{4}{x} = \frac{12}{15}$$

$$2) \quad \frac{y}{48} = \frac{4}{6}$$

$$3) \quad \frac{10}{6} = \frac{a}{3}$$

$$x = \underline{\hspace{2cm}}$$

$$y = \underline{\hspace{2cm}}$$

$$a = \underline{\hspace{2cm}}$$

$$4) \quad \frac{7}{4} = \frac{c}{28}$$

$$5) \quad \frac{9}{n} = \frac{3}{2}$$

$$6) \quad \frac{23}{46} = \frac{1}{v}$$

$$c = \underline{\hspace{2cm}}$$

$$n = \underline{\hspace{2cm}}$$

$$v = \underline{\hspace{2cm}}$$

$$7) \quad \frac{p}{17} = \frac{26}{34}$$

$$8) \quad \frac{u}{40} = \frac{5}{10}$$

$$9) \quad \frac{1}{2} = \frac{7}{z}$$

$$p = \underline{\hspace{2cm}}$$

$$u = \underline{\hspace{2cm}}$$

$$z = \underline{\hspace{2cm}}$$