

Equivalent Fractions

Answer Key

A) Fill in the missing numbers.

$$1) \quad \frac{5}{\mathbf{2}} = \frac{10}{4}$$

$$2) \quad \frac{21}{27} = \frac{\mathbf{7}}{9}$$

$$3) \quad \frac{\mathbf{5}}{9} = \frac{25}{45}$$

$$4) \quad \frac{23}{\mathbf{16}} = \frac{46}{32}$$

$$5) \quad \frac{3}{4} = \frac{\mathbf{12}}{16}$$

$$6) \quad \frac{8}{44} = \frac{2}{\mathbf{11}}$$

$$7) \quad \frac{9}{12} = \frac{3}{\mathbf{4}}$$

$$8) \quad \frac{\mathbf{3}}{6} = \frac{1}{2}$$

$$9) \quad \frac{39}{\mathbf{45}} = \frac{13}{15}$$

B) Find the value of each variable.

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

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

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

$$x = \underline{\mathbf{5}}$$

$$y = \underline{\mathbf{32}}$$

$$a = \underline{\mathbf{5}}$$

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

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

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

$$c = \underline{\mathbf{49}}$$

$$n = \underline{\mathbf{6}}$$

$$v = \underline{\mathbf{2}}$$

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

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

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

$$p = \underline{\mathbf{13}}$$

$$u = \underline{\mathbf{20}}$$

$$z = \underline{\mathbf{14}}$$