

Equivalent Fractions

A) Fill in the missing numbers.

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

$$2) \quad \frac{12}{20} = \frac{3}{\quad}$$

$$3) \quad \frac{8}{14} = \frac{\quad}{7}$$

$$4) \quad \frac{21}{\quad} = \frac{7}{8}$$

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

$$6) \quad \frac{6}{18} = \frac{2}{\quad}$$

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

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

$$9) \quad \frac{8}{\quad} = \frac{4}{11}$$

B) Find the value of each variable.

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

$$2) \quad \frac{y}{7} = \frac{2}{14}$$

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

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

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

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

$$4) \quad \frac{8}{20} = \frac{c}{5}$$

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

$$6) \quad \frac{18}{v} = \frac{9}{8}$$

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

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

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

$$7) \quad \frac{2}{4} = \frac{10}{p}$$

$$8) \quad \frac{5}{2} = \frac{u}{6}$$

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

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

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

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

Equivalent Fractions

Answer key

A) Fill in the missing numbers.

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

$$2) \quad \frac{12}{20} = \frac{3}{\mathbf{5}}$$

$$3) \quad \frac{8}{14} = \frac{\mathbf{4}}{7}$$

$$4) \quad \frac{\mathbf{21}}{24} = \frac{7}{8}$$

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

$$6) \quad \frac{6}{18} = \frac{2}{\mathbf{6}}$$

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

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

$$9) \quad \frac{8}{\mathbf{22}} = \frac{4}{11}$$

B) Find the value of each variable.

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

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

$$2) \quad \frac{y}{7} = \frac{2}{14}$$

$$y = \underline{\mathbf{1}}$$

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

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

$$4) \quad \frac{8}{20} = \frac{c}{5}$$

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

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

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

$$6) \quad \frac{18}{v} = \frac{9}{8}$$

$$v = \underline{\mathbf{16}}$$

$$7) \quad \frac{2}{4} = \frac{10}{p}$$

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

$$8) \quad \frac{5}{2} = \frac{u}{6}$$

$$u = \underline{\mathbf{15}}$$

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

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