

Equivalent Fractions

Answer Key

A) Fill in the missing numbers.

$$1) \quad \frac{12}{20} = \frac{3}{\mathbf{5}}$$

$$2) \quad \frac{\mathbf{30}}{40} = \frac{6}{8}$$

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

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

$$5) \quad \frac{\mathbf{7}}{5} = \frac{49}{35}$$

$$6) \quad \frac{12}{\mathbf{25}} = \frac{24}{50}$$

$$7) \quad \frac{6}{18} = \frac{\mathbf{2}}{6}$$

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

$$9) \quad \frac{27}{45} = \frac{3}{\mathbf{5}}$$

B) Find the value of each variable.

$$1) \quad \frac{y}{7} = \frac{2}{14}$$

$$2) \quad \frac{36}{21} = \frac{12}{x}$$

$$3) \quad \frac{18}{c} = \frac{9}{8}$$

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

$$x = \underline{\mathbf{7}}$$

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

$$4) \quad \frac{8}{20} = \frac{2}{v}$$

$$5) \quad \frac{7}{14} = \frac{z}{42}$$

$$6) \quad \frac{a}{12} = \frac{30}{24}$$

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

$$z = \underline{\mathbf{21}}$$

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

$$7) \quad \frac{5}{2} = \frac{u}{6}$$

$$8) \quad \frac{2}{4} = \frac{10}{p}$$

$$9) \quad \frac{11}{3} = \frac{n}{9}$$

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

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

$$n = \underline{\mathbf{33}}$$