

Equivalent Fractions

Answer Key

A) Fill in the missing numbers.

$$1) \quad \frac{16}{32} = \frac{4}{8}$$

$$2) \quad \frac{7}{21} = \frac{1}{3}$$

$$3) \quad \frac{6}{20} = \frac{3}{10}$$

$$4) \quad \frac{8}{13} = \frac{16}{26}$$

$$5) \quad \frac{3}{9} = \frac{6}{18}$$

$$6) \quad \frac{18}{24} = \frac{9}{12}$$

$$7) \quad \frac{10}{20} = \frac{1}{2}$$

$$8) \quad \frac{5}{10} = \frac{10}{20}$$

$$9) \quad \frac{9}{27} = \frac{1}{3}$$

B) Find the value of each variable.

$$1) \quad \frac{14}{28} = \frac{a}{2}$$

$$2) \quad \frac{10}{v} = \frac{5}{9}$$

$$3) \quad \frac{33}{45} = \frac{11}{n}$$

$$a = \underline{1}$$

$$v = \underline{18}$$

$$n = \underline{15}$$

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

$$5) \quad \frac{u}{15} = \frac{2}{5}$$

$$6) \quad \frac{6}{9} = \frac{p}{18}$$

$$x = \underline{2}$$

$$u = \underline{6}$$

$$p = \underline{12}$$

$$7) \quad \frac{5}{6} = \frac{10}{b}$$

$$8) \quad \frac{6}{4} = \frac{c}{2}$$

$$9) \quad \frac{y}{24} = \frac{7}{12}$$

$$b = \underline{12}$$

$$c = \underline{3}$$

$$y = \underline{14}$$