

# Simplifying Proper Fractions

Answer Key

A) Reduce each proper fraction to its lowest terms.

$$1) \quad \frac{2}{4} = \underline{\frac{1}{2}}$$

$$2) \quad \frac{9}{12} = \underline{\frac{3}{4}}$$

$$3) \quad \frac{2}{10} = \underline{\frac{1}{5}}$$

$$4) \quad \frac{7}{14} = \underline{\frac{1}{2}}$$

$$5) \quad \frac{12}{15} = \underline{\frac{4}{5}}$$

$$6) \quad \frac{2}{12} = \underline{\frac{1}{6}}$$

$$7) \quad \frac{4}{8} = \underline{\frac{1}{2}}$$

$$8) \quad \frac{6}{9} = \underline{\frac{2}{3}}$$

B) 1) Which fraction below represents  $\frac{8}{14}$  in its simplest form?

a)  $\frac{3}{7}$

☒ b)  $\frac{4}{7}$

c)  $\frac{2}{7}$

d)  $\frac{5}{7}$

2) Identify the fraction that is the simplest form of  $\frac{5}{10}$ .

☒ a)  $\frac{1}{2}$

b)  $\frac{3}{5}$

c)  $\frac{1}{4}$

d)  $\frac{2}{5}$

3) What is the simplest form of  $\frac{3}{15}$ ?

a)  $\frac{2}{3}$

b)  $\frac{3}{5}$

☒ c)  $\frac{1}{5}$

d)  $\frac{1}{3}$