

Name: _____ Class: _____

FIND FRACTIONS IN SIMPLEST FORM



1. Choose all fractions in simplest form.

☐ $\frac{2}{4}$

☐ $\frac{5}{8}$

☐ $\frac{6}{9}$

☐ $\frac{4}{3}$

☐ $\frac{12}{15}$

2. Write the missing number.

a. $\frac{4}{16} = \frac{\boxed{}}{4}$

b. $\frac{18}{30} = \frac{\boxed{}}{5}$

c. $\frac{15}{25} = \frac{\boxed{}}{5}$

d. $\frac{6}{15} = \frac{2}{\boxed{}}$

3. Write the missing number.

a. $\frac{18}{24} = \frac{9}{\boxed{}} = \frac{\boxed{}}{4}$

Divisions shown: $\div \boxed{}$, $\div 3$, $\div 2$, $\div \boxed{}$

b. $\frac{12}{36} = \frac{6}{\boxed{}} = \frac{\boxed{}}{9} = \frac{1}{\boxed{}}$

Divisions shown: $\div \boxed{}$, $\div 2$, $\div \boxed{}$, $\div 3$, $\div \boxed{}$

4. Write each fraction in simplest form.

a. $\frac{8}{16}$

b. $\frac{15}{35}$

Factors of 8: _____; _____; _____; _____;

Factors of 15: _____; _____; _____; _____;

Factors of 16: _____; _____; _____; _____;

Factors of 35: _____; _____; _____; _____;

Greatest common factor of 8 and 16: $\boxed{}$

Greatest common factor of 15 and 35: $\boxed{}$

$\frac{8}{16} = \frac{\boxed{}}{\boxed{}}$

Divisions shown: $\div \boxed{}$, $\div \boxed{}$

$\frac{15}{35} = \frac{\boxed{}}{\boxed{}}$

Divisions shown: $\div \boxed{}$, $\div \boxed{}$