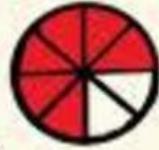


# SIMPLIFYING FRACTIONS

$$\frac{6}{8} \begin{matrix} \div 2 \\ \div 2 \end{matrix} = \frac{3}{4}$$



$$\frac{44}{77}$$

GCF of 33 and 9 =

GCF of 44 and 77 =

$$\frac{44}{77} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{33}{9} = \frac{\boxed{}}{\boxed{}}$$

Reduce each improper fraction to its lowest terms.

1)  $\frac{24}{15} =$

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

3)  $\frac{45}{35} =$

4)  $\frac{56}{32} =$

Reduce each proper fraction to its lowest terms.

1)  $\frac{3}{6} =$

2)  $\frac{32}{56} =$

3)  $\frac{30}{48} =$

4)  $\frac{9}{91} =$

Which of the following fractions is the simplest form of  $\frac{18}{40}$ ?

a)  $\frac{9}{10}$

b)  $\frac{6}{20}$

c)  $\frac{9}{20}$

d)  $\frac{6}{15}$

Answer each of the following questions with a "Yes" or "No".

1) Is  $\frac{1}{2}$  the simplest form of the fraction  $\frac{3}{6}$ ? \_\_\_\_\_

2) Is  $\frac{5}{4}$  the simplest form of the fraction  $\frac{25}{20}$ ? \_\_\_\_\_

3) Is  $\frac{1}{6}$  the simplest form of the fraction  $\frac{7}{5}$ ? \_\_\_\_\_

4) Is  $\frac{7}{3}$  the simplest form of the fraction  $\frac{14}{9}$ ? \_\_\_\_\_

WRITE YOUR FINAL ANSWER IN MIXED NUMBER

Reduce each mixed number to its lowest terms.

$$10\frac{8}{32} =$$

$$2\frac{2}{4} =$$

$$7\frac{12}{24} =$$

$$12\frac{4}{28} =$$

$$3\frac{6}{8} =$$

$$8\frac{24}{36} =$$

Reduce the following to their lowest terms.

$$\frac{2}{8} =$$

$$\frac{9}{6} =$$

$$1\frac{15}{20} =$$

$$\frac{7}{14} =$$