

SIMPLIFYING FRACTIONS

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



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

GCF of 44 and 77 =

GCF of 33 and 9 =

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

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

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.

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

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

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

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