

Do Not Need to

get common denominators.

• \_\_\_\_\_

if possible.

• Multiply the numerator

by the numerator and

Multiply denominator by denominator.

• Simplify if possible.

**Example**

Find GCF  
 $\frac{3}{4} \times \frac{6}{15} = \frac{18}{60} = \frac{3}{10}$

$\frac{15}{7} \cdot \frac{12}{4} = \frac{180}{28} = \frac{45}{7} = 6 \frac{3}{7}$

Improper Fraction

**Example**

Keep → 3 ↓ 9  
Change → 9 ↓ 3  
Flip → 12 ↓ 8  
 $\frac{3}{8} \cdot \frac{12}{9} = \frac{36}{72} = \frac{1}{2}$

$\frac{3}{8} \cdot \frac{12}{9} = \frac{36}{72} = \frac{1}{2}$

Do Not Need to

get common denominators.

• Keep \_\_\_\_\_

Flip (2nd Fraction) \_\_\_\_\_

then multiply.

if possible.

• \_\_\_\_\_ the numerator by

the numerator and \_\_\_\_\_

denominator by denominator.

• \_\_\_\_\_ if possible.

**Example**

$\frac{2}{5} \cdot \frac{3}{7} = \frac{6}{35}$

$\frac{14}{5} \cdot \frac{25}{7} = \frac{350}{35} = 10$

**Example**

$\frac{4}{3} \cdot \frac{2}{9} = \frac{8}{27}$

$\frac{14}{3} \cdot \frac{22}{9} = \frac{308}{27}$

$\frac{14}{3} \cdot \frac{9}{22} = \frac{126}{66} = 1 \frac{60}{66} = 1 \frac{10}{11}$

Do Not Need to

get common denominators.

• Change to improper fractions.

• \_\_\_\_\_

if possible.

• Multiply the numerator

by the numerator and

Multiply denominator by denominator.

• Simplify if possible.

~~Keep~~ \_\_\_\_\_

Change \_\_\_\_\_

Flip \_\_\_\_\_ then multiply.

Cancel \_\_\_\_\_ if possible.

• Follow the steps for

multiplication.

• Simplify if possible.

Divide  
Fractions

÷

Divide  
Mixed  
Numbers

÷

Multiply  
and Divide  
Fractions  
and  
Mixed  
Numbers

Multiply  
Fractions

•

Multiply  
Mixed  
Numbers

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