

Multiplying Fractions

Exit Ticket 9.1: Copies of a unit fraction



Name _____ Exit Ticket 9.1

1. Write the missing numbers.

$$\frac{11}{10} = \square \times \frac{1}{10} \quad \frac{9}{12} = \square \times \frac{1}{12}$$

2. Write each product as a fraction.

$$7 \times \frac{1}{10} = \frac{\square}{10} \quad 11 \times \frac{1}{6} = \frac{\square}{6}$$

I can write a fraction as
copies of a unit fraction.



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Multiplying Fractions

Exit Ticket 9.2: Times a unit fraction on a number line

Name _____ Exit Ticket 9.2

1. Write what the jumps show.



$$\square \times \frac{1}{3} = \frac{\square}{3}$$

2. Write the missing number.

$$\square \times \frac{1}{10} = 1 \quad \square \times \frac{1}{12} = 1$$

I can multiply a whole number by a unit fraction.



Name _____ Exit Ticket 9.2

1. Write what the jumps show.



$$\square \times \frac{1}{3} = \frac{\square}{3}$$

2. Write the missing number.

$$\square \times \frac{1}{10} = 1 \quad \square \times \frac{1}{12} = 1$$

I can multiply a whole number by a unit fraction.



Name _____ Exit Ticket 9.2

1. Write what the jumps show.



$$\square \times \frac{1}{3} = \frac{\square}{3}$$

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$$\square \times \frac{1}{10} = 1 \quad \square \times \frac{1}{12} = 1$$

I can multiply a whole number by a unit fraction.



Multiplying Fractions

Exit Ticket 9.3: Whole number times a fraction



Name _____ Exit Ticket 9.3

1. Fill in the blanks.



$$3 \times \frac{4}{5} = \boxed{} \times \frac{1}{5} = \frac{\boxed{}}{5}$$

2. Multiply.

$$8 \times \frac{2}{5} = \frac{\boxed{}}{5} \quad 5 \times \frac{5}{8} = \frac{\boxed{}}{8}$$

I can multiply a whole number by a fraction.



Name _____ Exit Ticket 9.3

1. Fill in the blanks.



$$3 \times \frac{4}{5} = \boxed{} \times \frac{1}{5} = \frac{\boxed{}}{5}$$

2. Multiply.

$$8 \times \frac{2}{5} = \frac{\boxed{}}{5} \quad 5 \times \frac{5}{8} = \frac{\boxed{}}{8}$$

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2. Multiply.

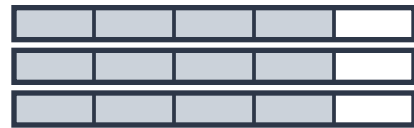
$$8 \times \frac{2}{5} = \frac{\boxed{}}{5} \quad 5 \times \frac{5}{8} = \frac{\boxed{}}{8}$$

I can multiply a whole number by a fraction.



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2. Multiply.

$$8 \times \frac{2}{5} = \frac{\boxed{}}{5} \quad 5 \times \frac{5}{8} = \frac{\boxed{}}{8}$$

I can multiply a whole number by a fraction.



Multiplying Fractions

Exit Ticket 9.4: Between which two whole numbers?

Name _____ Exit Ticket 9.4

1. Write the two whole numbers the product is between.

$$7 \times \frac{3}{5} \text{ is between } \boxed{} \text{ and } \boxed{}$$

$$\frac{3}{8} \times 9 \text{ is between } \boxed{} \text{ and } \boxed{}$$

2. Write the product two ways.

$$11 \times \frac{2}{5} = \frac{\boxed{}}{5} = \boxed{} \frac{\boxed{}}{\boxed{}}$$

I can tell which two whole numbers a product is between.



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I can tell which two whole numbers a product is between.



Multiplying Fractions

Exit Ticket 9.5: Story problems



Name _____ Exit Ticket 9.5

1. Solve. Use a mixed number.

A frog jumps $\frac{2}{3}$ meter each hop. How far does it go in 10 hops?

meters

2. Solve. Use a mixed number.

Each muffin needs $\frac{3}{8}$ cup of milk. How much milk do 11 muffins need?

cups

I can solve stories that multiply a fraction by a whole number.



Name _____ Exit Ticket 9.5

1. Solve. Use a mixed number.

A frog jumps $\frac{2}{3}$ meter each hop. How far does it go in 10 hops?

meters

2. Solve. Use a mixed number.

Each muffin needs $\frac{3}{8}$ cup of milk. How much milk do 11 muffins need?

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I can solve stories that multiply a fraction by a whole number.



Multiplying Fractions

Exit Ticket 9.6: A fraction as sharing

Name _____ Exit Ticket 9.6

1. Draw lines to share. Write the fraction.

3 kids share 4 waffles equally. What fraction of a waffle does each one get?



2. Write the division as a fraction.

$$7 \div 8 = \frac{\boxed{}}{\boxed{}}$$

I can share things equally and write the share as a fraction.



Name _____ Exit Ticket 9.6

1. Draw lines to share. Write the fraction.

3 kids share 4 waffles equally. What fraction of a waffle does each one get?



2. Write the division as a fraction.

$$7 \div 8 = \frac{\boxed{}}{\boxed{}}$$

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I can share things equally and write the share as a fraction.



Multiplying Fractions

Exit Ticket 9.1: Copies of a unit fraction

Name _____ Exit Ticket 9.1

1. Write the missing numbers.

$$\frac{11}{10} = \boxed{11} \times \frac{1}{10} \quad \frac{9}{12} = \boxed{9} \times \frac{1}{12}$$

2. Write each product as a fraction.

$$7 \times \frac{1}{10} = \frac{\boxed{7}}{10} \quad 11 \times \frac{1}{6} = \frac{\boxed{11}}{6}$$

I can write a fraction as
copies of a unit fraction.

Name _____ Exit Ticket 9.1

1. Write the missing numbers.

$$\frac{11}{10} = \boxed{11} \times \frac{1}{10} \quad \frac{9}{12} = \boxed{9} \times \frac{1}{12}$$

2. Write each product as a fraction.

$$7 \times \frac{1}{10} = \frac{\boxed{7}}{10} \quad 11 \times \frac{1}{6} = \frac{\boxed{11}}{6}$$

I can write a fraction as
copies of a unit fraction.

Name _____ Exit Ticket 9.1

1. Write the missing numbers.

$$\frac{11}{10} = \boxed{11} \times \frac{1}{10} \quad \frac{9}{12} = \boxed{9} \times \frac{1}{12}$$

2. Write each product as a fraction.

$$7 \times \frac{1}{10} = \frac{\boxed{7}}{10} \quad 11 \times \frac{1}{6} = \frac{\boxed{11}}{6}$$

I can write a fraction as
copies of a unit fraction.

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1. Write the missing numbers.

$$\frac{11}{10} = \boxed{11} \times \frac{1}{10} \quad \frac{9}{12} = \boxed{9} \times \frac{1}{12}$$

2. Write each product as a fraction.

$$7 \times \frac{1}{10} = \frac{\boxed{7}}{10} \quad 11 \times \frac{1}{6} = \frac{\boxed{11}}{6}$$

I can write a fraction as
copies of a unit fraction.

Multiplying Fractions

Exit Ticket 9.2: Times a unit fraction on a number line

Name _____ Exit Ticket 9.2

1. Write what the jumps show.



$$10 \times \frac{1}{3} = \frac{10}{3}$$

2. Write the missing number.

$$10 \times \frac{1}{10} = 1 \quad 12 \times \frac{1}{12} = 1$$

I can multiply a whole number by a unit fraction.



Name _____ Exit Ticket 9.2

1. Write what the jumps show.



$$10 \times \frac{1}{3} = \frac{10}{3}$$

2. Write the missing number.

$$10 \times \frac{1}{10} = 1 \quad 12 \times \frac{1}{12} = 1$$

I can multiply a whole number by a unit fraction.



Name _____ Exit Ticket 9.2

1. Write what the jumps show.



$$10 \times \frac{1}{3} = \frac{10}{3}$$

2. Write the missing number.

$$10 \times \frac{1}{10} = 1 \quad 12 \times \frac{1}{12} = 1$$

I can multiply a whole number by a unit fraction.



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1. Write what the jumps show.



$$10 \times \frac{1}{3} = \frac{10}{3}$$

2. Write the missing number.

$$10 \times \frac{1}{10} = 1 \quad 12 \times \frac{1}{12} = 1$$

I can multiply a whole number by a unit fraction.



Multiplying Fractions

Exit Ticket 9.3: Whole number times a fraction

Name _____ Exit Ticket 9.3

1. Fill in the blanks.



$$3 \times \frac{4}{5} = \boxed{12} \times \frac{1}{5} = \frac{\boxed{12}}{5}$$

2. Multiply.

$$8 \times \frac{2}{5} = \frac{\boxed{16}}{5} \quad 5 \times \frac{5}{8} = \frac{\boxed{25}}{8}$$

I can multiply a whole number by a fraction.



Name _____ Exit Ticket 9.3

1. Fill in the blanks.



$$3 \times \frac{4}{5} = \boxed{12} \times \frac{1}{5} = \frac{\boxed{12}}{5}$$

2. Multiply.

$$8 \times \frac{2}{5} = \frac{\boxed{16}}{5} \quad 5 \times \frac{5}{8} = \frac{\boxed{25}}{8}$$

I can multiply a whole number by a fraction.



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1. Fill in the blanks.



$$3 \times \frac{4}{5} = \boxed{12} \times \frac{1}{5} = \frac{\boxed{12}}{5}$$

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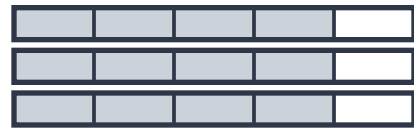
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$$3 \times \frac{4}{5} = \boxed{12} \times \frac{1}{5} = \frac{\boxed{12}}{5}$$

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$$8 \times \frac{2}{5} = \frac{\boxed{16}}{5} \quad 5 \times \frac{5}{8} = \frac{\boxed{25}}{8}$$

I can multiply a whole number by a fraction.



Multiplying Fractions

Exit Ticket 9.4: Between which two whole numbers?

Name _____ Exit Ticket 9.4

1. Write the two whole numbers the product is between.

$$7 \times \frac{3}{5} \text{ is between } \boxed{4} \text{ and } \boxed{5}$$

$$\frac{3}{8} \times 9 \text{ is between } \boxed{3} \text{ and } \boxed{4}$$

2. Write the product two ways.

$$11 \times \frac{2}{5} = \frac{\boxed{22}}{5} = \boxed{4} \frac{\boxed{2}}{5}$$

I can tell which two whole numbers a product is between.



Name _____ Exit Ticket 9.4

1. Write the two whole numbers the product is between.

$$7 \times \frac{3}{5} \text{ is between } \boxed{4} \text{ and } \boxed{5}$$

$$\frac{3}{8} \times 9 \text{ is between } \boxed{3} \text{ and } \boxed{4}$$

2. Write the product two ways.

$$11 \times \frac{2}{5} = \frac{\boxed{22}}{5} = \boxed{4} \frac{\boxed{2}}{5}$$

I can tell which two whole numbers a product is between.



Name _____ Exit Ticket 9.4

1. Write the two whole numbers the product is between.

$$7 \times \frac{3}{5} \text{ is between } \boxed{4} \text{ and } \boxed{5}$$

$$\frac{3}{8} \times 9 \text{ is between } \boxed{3} \text{ and } \boxed{4}$$

2. Write the product two ways.

$$11 \times \frac{2}{5} = \frac{\boxed{22}}{5} = \boxed{4} \frac{\boxed{2}}{5}$$

I can tell which two whole numbers a product is between.



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1. Write the two whole numbers the product is between.

$$7 \times \frac{3}{5} \text{ is between } \boxed{4} \text{ and } \boxed{5}$$

$$\frac{3}{8} \times 9 \text{ is between } \boxed{3} \text{ and } \boxed{4}$$

2. Write the product two ways.

$$11 \times \frac{2}{5} = \frac{\boxed{22}}{5} = \boxed{4} \frac{\boxed{2}}{5}$$

I can tell which two whole numbers a product is between.



Multiplying Fractions

Exit Ticket 9.5: Story problems

Name _____ Exit Ticket 9.5

1. Solve. Use a mixed number.

A frog jumps $\frac{2}{3}$ meter each hop. How far does it go in 10 hops?

$$6\frac{2}{3}$$

meters

2. Solve. Use a mixed number.

Each muffin needs $\frac{3}{8}$ cup of milk. How much milk do 11 muffins need?

$$4\frac{1}{8}$$

cups

I can solve stories that multiply a fraction by a whole number.



Name _____ Exit Ticket 9.5

1. Solve. Use a mixed number.

A frog jumps $\frac{2}{3}$ meter each hop. How far does it go in 10 hops?

$$6\frac{2}{3}$$

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Each muffin needs $\frac{3}{8}$ cup of milk. How much milk do 11 muffins need?

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cups

I can solve stories that multiply a fraction by a whole number.



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A frog jumps $\frac{2}{3}$ meter each hop. How far does it go in 10 hops?

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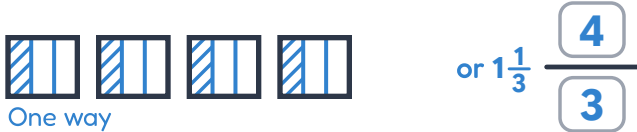
Multiplying Fractions

Exit Ticket 9.6: A fraction as sharing

Name _____ Exit Ticket 9.6

1. Draw lines to share. Write the fraction.

3 kids share 4 waffles equally. What fraction of a waffle does each one get?



2. Write the division as a fraction.

$$7 \div 8 = \frac{7}{8}$$

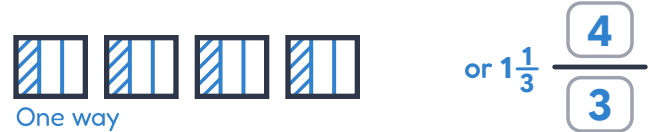
I can share things equally and write the share as a fraction.



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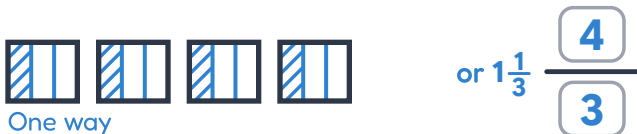
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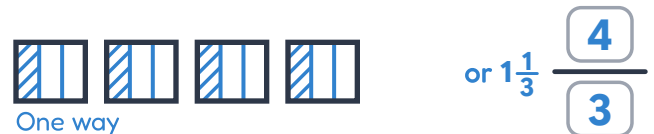
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I can share things equally and write the share as a fraction.

