

Multiplying Fractions

Unit Review (page 1 of 2)

1. Multiply. Write each product as a fraction.

$$9 \times \frac{5}{8} = \frac{\boxed{}}{8}$$

$$\frac{9}{10} \times 7 = \frac{\boxed{}}{10}$$

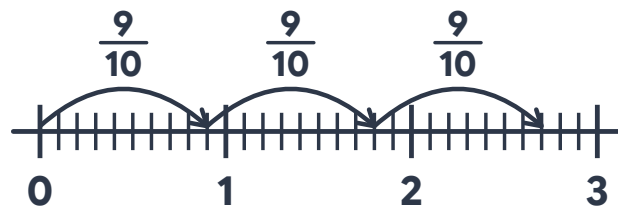
$$5 \times \frac{7}{12} = \frac{\boxed{}}{12}$$

2. Draw jumps like the first one until there are 7. Then write the product.



$$7 \times \frac{1}{2} = \frac{\boxed{}}{2}$$

3. Each jump is the same size. Write the multiplication the jumps show.



$$\boxed{} \times \frac{9}{10} = \frac{\boxed{}}{10}$$

4. Write the missing numbers.

$$\frac{9}{2} = \boxed{} \times \frac{\boxed{}}{\boxed{}}$$

$$\frac{10}{12} = \boxed{} \times \frac{\boxed{}}{\boxed{}}$$

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

Multiplying Fractions

Unit Review (page 2 of 2)

5. Write an equation for the story.
Then write the answer as a mixed number.

A snail crawls $\frac{2}{5}$ meter each hour.
How far does it crawl in 6 hours?

Equation: _____

Answer: meters

6. Write an equation for the story.
Then write the answer as a mixed number.

Each glass holds $\frac{3}{4}$ cup of juice. How
much juice do 11 glasses hold?

Equation: _____

Answer: cups

7. Multiply in your head or on paper. Write the two whole numbers the product is between.

$4 \times \frac{4}{5}$ is between and

$\frac{2}{3} \times 11$ is between and

8. Read the story. Draw lines to share the things. Write the fraction.

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



Multiplying Fractions

Unit Review (page 1 of 2)

1. Multiply. Write each product as a fraction.

$$9 \times \frac{5}{8} = \frac{45}{8}$$

$$\frac{9}{10} \times 7 = \frac{63}{10}$$

$$5 \times \frac{7}{12} = \frac{35}{12}$$

Lesson 9.3 · Whole number times a fraction

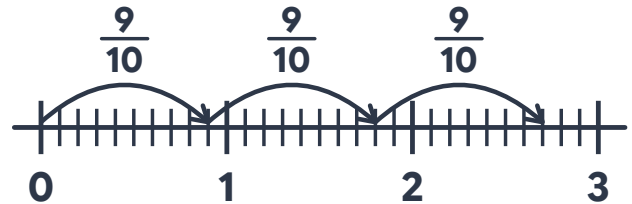
2. Draw jumps like the first one until there are 7. Then write the product.



$$7 \times \frac{1}{2} = \frac{7}{2}$$

Lesson 9.2 · Times a unit fraction on a number line

3. Each jump is the same size. Write the multiplication the jumps show.



$$3 \times \frac{9}{10} = \frac{27}{10}$$

Lesson 9.3 · Whole number times a fraction

4. Write the missing numbers.

$$\frac{9}{2} = 9 \times \frac{1}{2}$$

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

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

Lesson 9.1 · Copies of a unit fraction

Multiplying Fractions

Unit Review (page 2 of 2)

5. Write an equation for the story.
Then write the answer as a mixed number.

A snail crawls $\frac{2}{5}$ meter each hour.
How far does it crawl in 6 hours?

Equation: $6 \times \frac{2}{5} = \frac{12}{5}$ One way

Answer: $2\frac{2}{5}$ meters or $\frac{12}{5}$

Lesson 9.5 · Story problems

6. Write an equation for the story.
Then write the answer as a mixed number.

Each glass holds $\frac{3}{4}$ cup of juice. How much juice do 11 glasses hold?

Equation: $11 \times \frac{3}{4} = \frac{33}{4}$ One way

Answer: $8\frac{1}{4}$ cups or $\frac{33}{4}$

Lesson 9.5 · Story problems

7. Multiply in your head or on paper. Write the two whole numbers the product is between.

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

$\frac{2}{3} \times 11$ is between 7 and 8

Lesson 9.4 · Between which two whole numbers?

8. Read the story. Draw lines to share the things. Write the fraction.
2 kids share 3 waffles equally. What fraction of a waffle does each one get?



One way

or $1\frac{1}{2}$ $\frac{3}{2}$

Lesson 9.6 · A fraction as sharing