

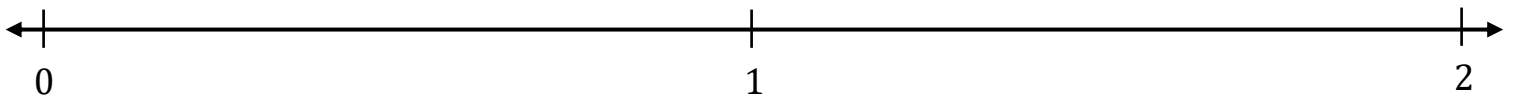
**Learning Target:** I will multiply a fraction by a whole number

## Session 1: Guided Practice (We Do)

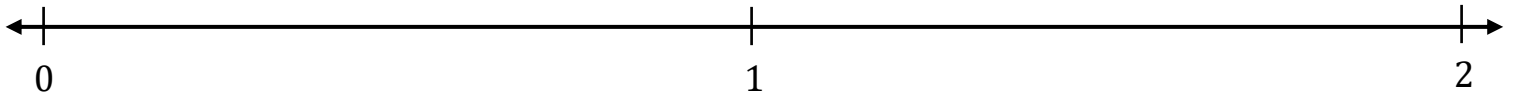
**We Do Together:** (Teacher Actions)

- Use fraction strips and number lines to multiply fractions by whole numbers.

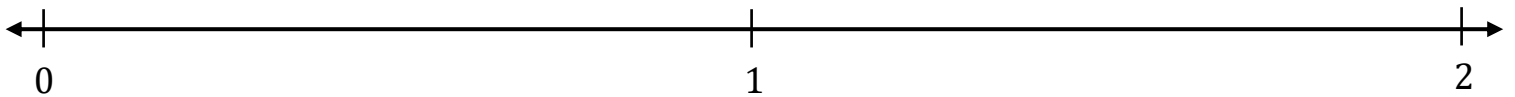
1.  $5 \times \frac{1}{3} = \underline{\hspace{2cm}}$



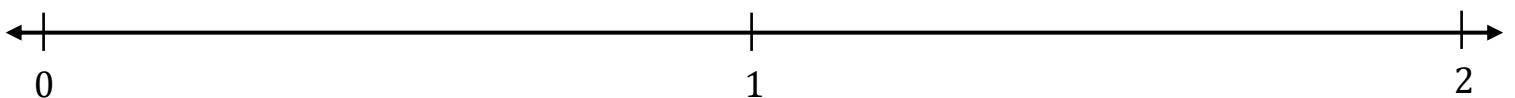
2.  $3 \times \frac{2}{4} = \underline{\hspace{2cm}}$



3.  $4 \times \frac{3}{8} = \underline{\hspace{2cm}}$



4.  $3 \times \frac{2}{6} = \underline{\hspace{2cm}}$



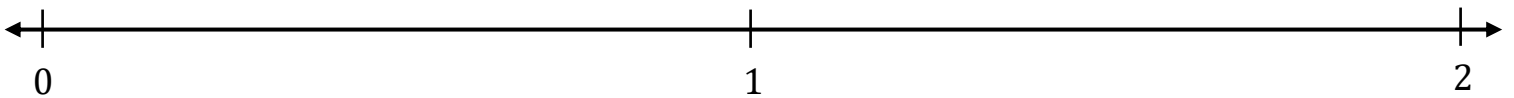
**Learning Target:** I will multiply a fraction by a whole number

## Session 1: Guided Practice (We Do - Continued)

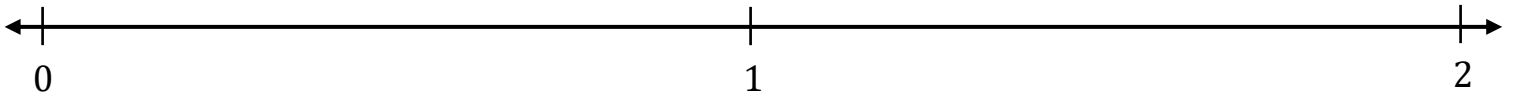
**You Do Together:** (As a class, or in small groups)

- Students take turns leading using fraction strips and number lines to multiply fractions by whole numbers.

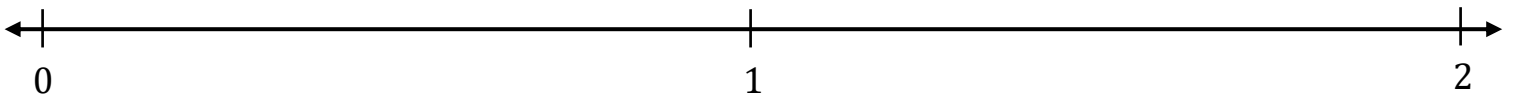
5.  $2 \times \frac{3}{4} = \underline{\hspace{2cm}}$



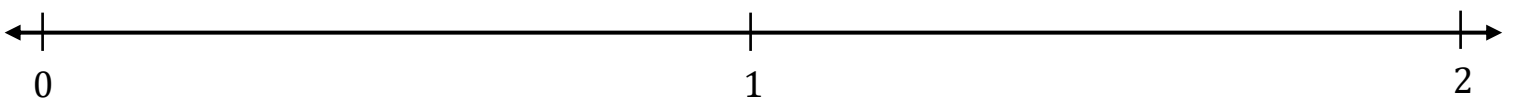
6.  $3 \times \frac{1}{2} = \underline{\hspace{2cm}}$



7.  $3 \times \frac{2}{3} = \underline{\hspace{2cm}}$



8.  $7 \times \frac{2}{8} = \underline{\hspace{2cm}}$





# Quick Check - Form A

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Directions:** Which answer choice has the same value as the multiplication problem.

(Work time: 30 seconds)

1.

$$\frac{1}{3} \times 2 = \underline{\hspace{2cm}}$$

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

$$\frac{1}{3} + \frac{1}{3}$$

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

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

**Directions:** Multiply each whole number and fraction. (Work time: 3 minutes)

2.

$$5 \times \frac{1}{3} = \underline{\hspace{2cm}}$$

3.

$$4 \times \frac{5}{7} = \underline{\hspace{2cm}}$$

4.

$$\frac{4}{5} \times 2 = \underline{\hspace{2cm}}$$

5.

$$\frac{3}{4} \times 6 = \underline{\hspace{2cm}}$$

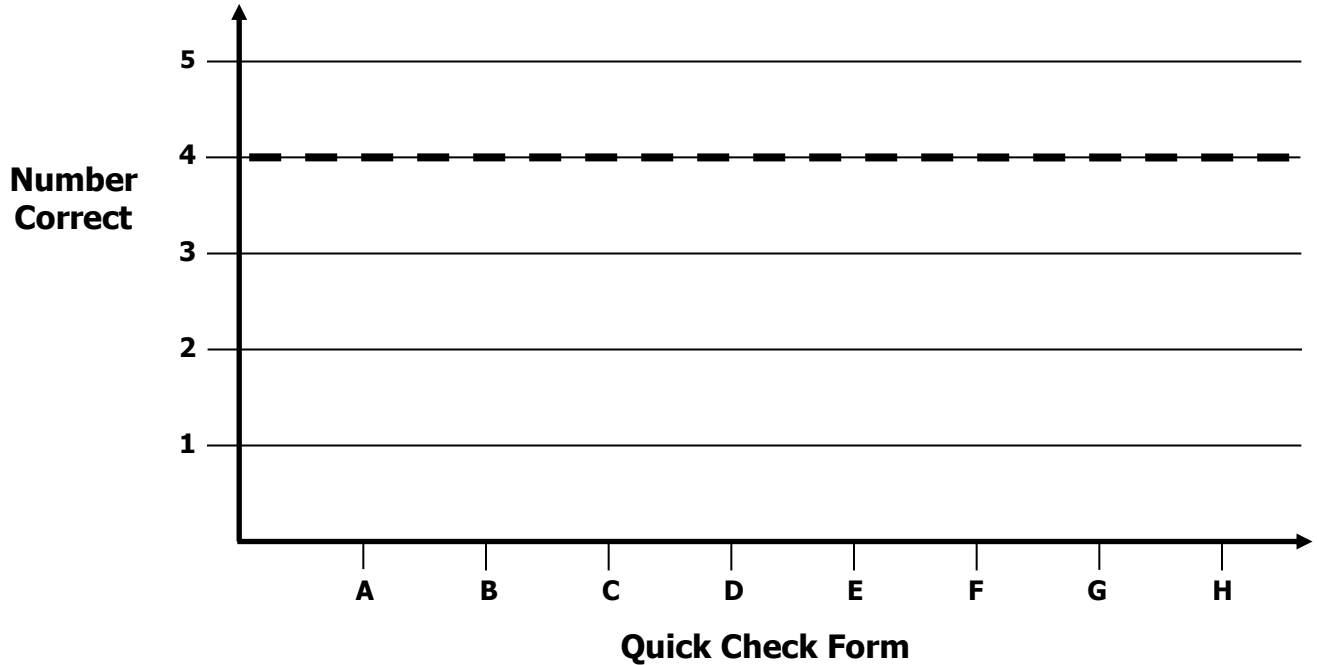


# Growth Chart

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Goal:** 4 out of 5 correct



Intervention	Date	Score
Session 1:		
Session 2:		
Session 3:		
Session 4:		
Session 5:		
Session 6:		
Session 7:		
Session 8:		

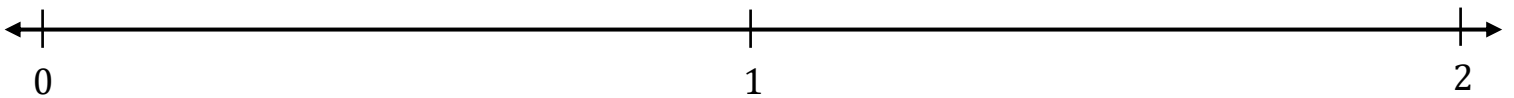
**Learning Target:** I will multiply a fraction by a whole number

## Session 2: Guided Practice (We Do)

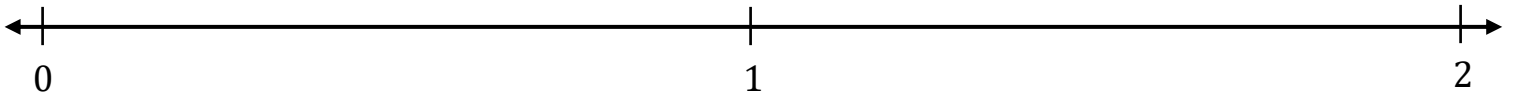
**We Do Together:** (Teacher Actions)

- Use fraction strips and number lines to multiply fractions by whole numbers.

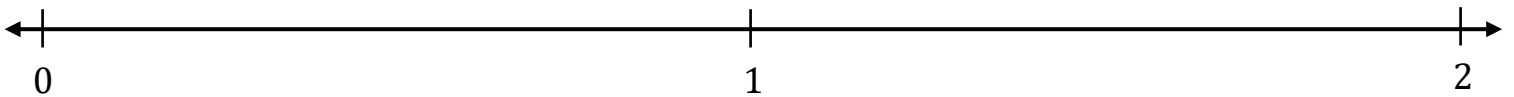
1.  $4 \times \frac{1}{3} = \underline{\hspace{2cm}}$



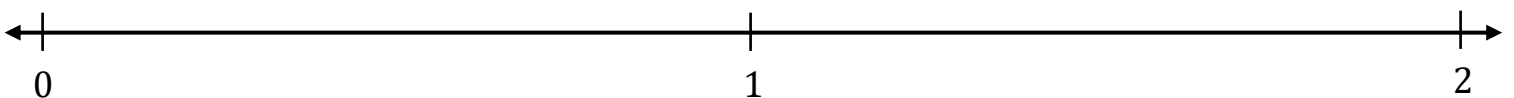
2.  $2 \times \frac{3}{4} = \underline{\hspace{2cm}}$



3.  $5 \times \frac{3}{8} = \underline{\hspace{2cm}}$



4.  $4 \times \frac{2}{6} = \underline{\hspace{2cm}}$





Name \_\_\_\_\_ Date \_\_\_\_\_

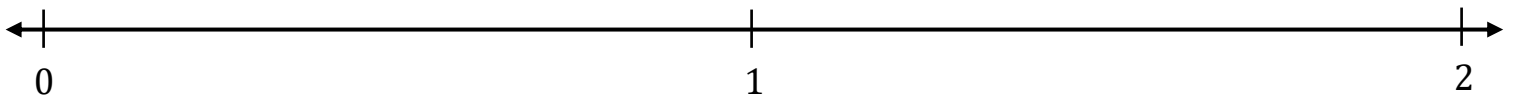
**Learning Target:** I will multiply a fraction by a whole number

## Session 2: Guided Practice (We Do - Continued)

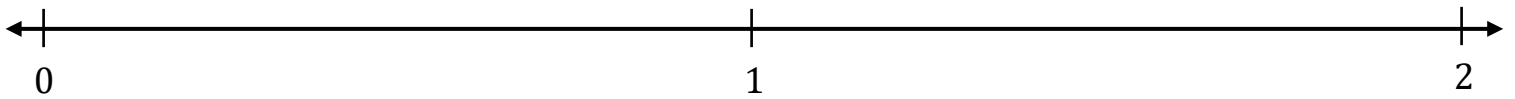
**You Do Together:** (As a class, or in small groups)

- Students take turns leading using fraction strips and number lines to multiply fractions by whole numbers.

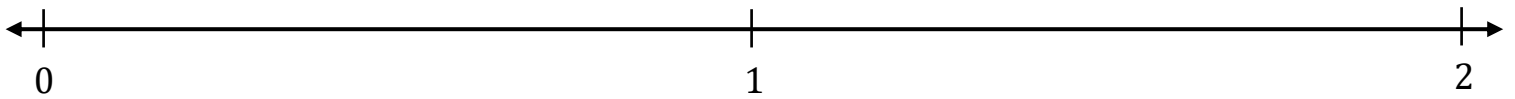
5.  $3 \times \frac{2}{4} = \underline{\hspace{2cm}}$



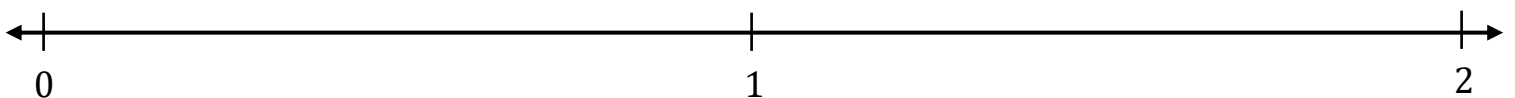
6.  $5 \times \frac{1}{3} = \underline{\hspace{2cm}}$



7.  $2 \times \frac{7}{8} = \underline{\hspace{2cm}}$



8.  $3 \times \frac{2}{3} = \underline{\hspace{2cm}}$





# Quick Check - Form B

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Directions:** Which answer choice has the same value as the multiplication problem.

(Work time: 30 seconds)

$\frac{1}{3} \times 4 = \underline{\hspace{2cm}}$	
$\frac{1}{3} + \frac{1}{4}$	$4 + \frac{1}{3}$
$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$	$\frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3}$

**Directions:** Multiply each whole number and fraction. (Work time: 3 minutes)

<p><b>2.</b></p> $4 \times \frac{2}{5} = \underline{\hspace{2cm}}$ <p style="text-align: center;">○ ○</p>	<p><b>3.</b></p> $6 \times \frac{3}{4} = \underline{\hspace{2cm}}$ <p style="text-align: center;">○ ○</p>
<p><b>4.</b></p> $\frac{3}{7} \times 4 = \underline{\hspace{2cm}}$ <p style="text-align: center;">○ ○</p>	<p><b>5.</b></p> $\frac{1}{4} \times 5 = \underline{\hspace{2cm}}$ <p style="text-align: center;">○ ○</p>

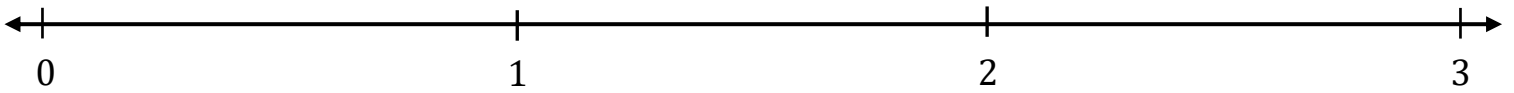
**Learning Target:** I will multiply a fraction by a whole number

## Session 3: Guided Practice (We Do)

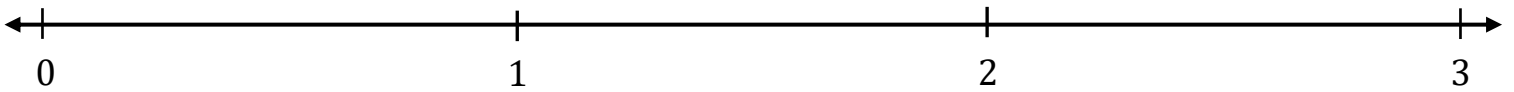
**We Do Together:** (Teacher Actions)

- Use number lines to multiply fractions by whole numbers.

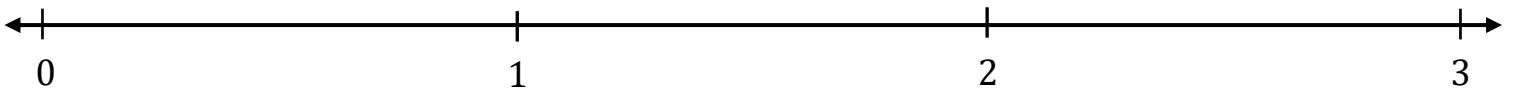
1.  $4 \times \frac{2}{3} = \underline{\hspace{2cm}}$



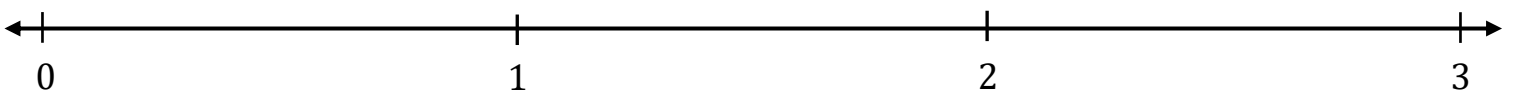
2.  $\frac{3}{4} \times 2 = \underline{\hspace{2cm}}$



3.  $6 \times \frac{3}{8} = \underline{\hspace{2cm}}$



4.  $\frac{2}{5} \times 5 = \underline{\hspace{2cm}}$





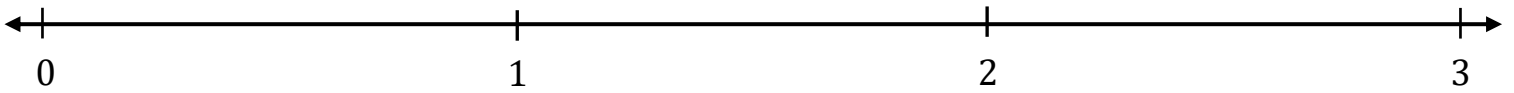
**Learning Target:** I will multiply a fraction by a whole number

## Session 3: Guided Practice (We Do - Continued)

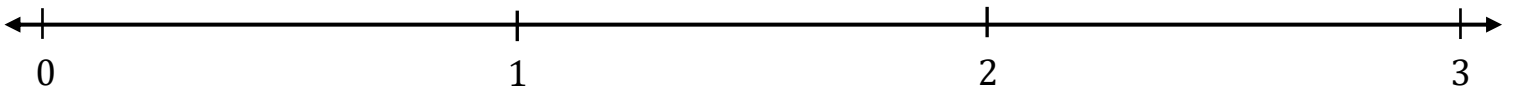
**You Do Together:** (Teacher Actions)

- Students take turns leading to multiply fractions by whole numbers.

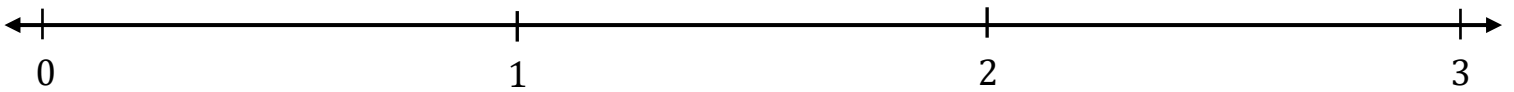
5.  $6 \times \frac{2}{4} = \underline{\hspace{2cm}}$



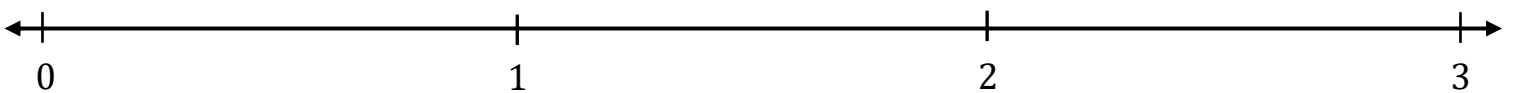
6.  $\frac{5}{6} \times 3 = \underline{\hspace{2cm}}$



7.  $4 \times \frac{5}{8} = \underline{\hspace{2cm}}$



8.  $\frac{3}{4} \times 3 = \underline{\hspace{2cm}}$





# Quick Check - Form C

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Directions:** Which answer choice has the same value as the multiplication problem.

(Work time: 30 seconds)

$$\frac{1}{4} \times 3 = \underline{\hspace{2cm}}$$

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

$$\frac{1}{4} + \frac{1}{3}$$

$$3 + \frac{1}{4}$$

$$\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$$

**Directions:** Multiply each whole number and fraction. (Work time: 3 minutes)

**2.**

$$2 \times \frac{4}{5} = \underline{\hspace{2cm}}$$

○

○

**3.**

$$5 \times \frac{3}{4} = \underline{\hspace{2cm}}$$

○

○

**4.**

$$\frac{1}{7} \times 3 = \underline{\hspace{2cm}}$$

**5.**

$$\frac{3}{5} \times 4 = \underline{\hspace{2cm}}$$

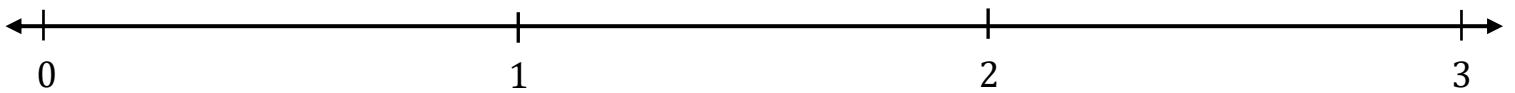
**Learning Target:** I will multiply a fraction by a whole number

## Session 4: Guided Practice (We Do)

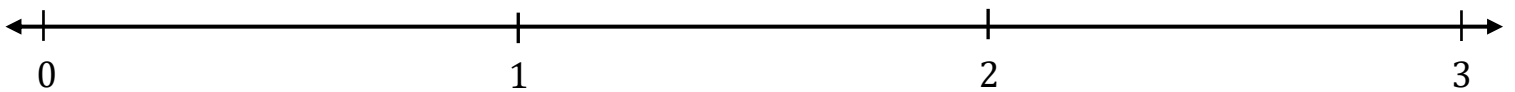
**We Do Together:** (Teacher Actions)

- Use number lines to multiply fractions by whole numbers.

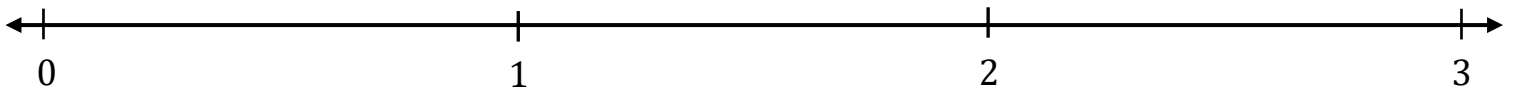
1.  $2 \times \frac{3}{4} = \underline{\hspace{2cm}}$



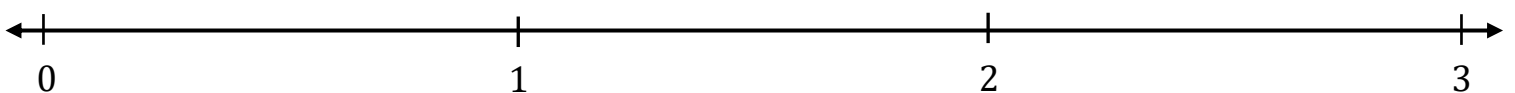
2.  $\frac{3}{5} \times 3 = \underline{\hspace{2cm}}$



3.  $5 \times \frac{3}{8} = \underline{\hspace{2cm}}$



4.  $\frac{2}{3} \times 4 = \underline{\hspace{2cm}}$





Name \_\_\_\_\_ Date \_\_\_\_\_

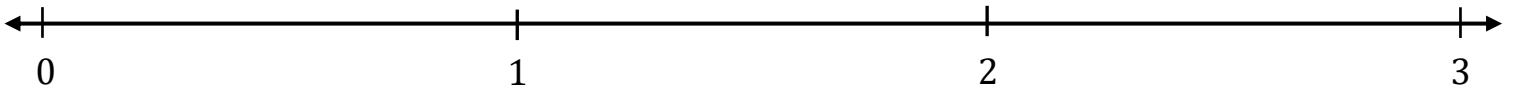
**Learning Target:** I will multiply a fraction by a whole number

## Session 4: Guided Practice (We Do - Continued)

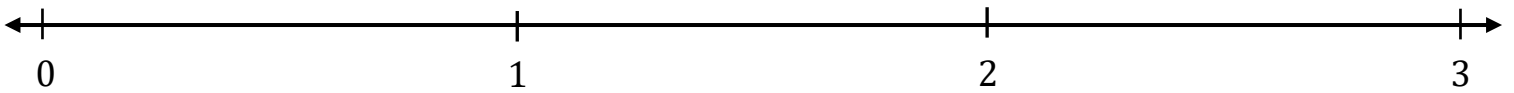
**You Do Together:** (Teacher Actions)

- Students take turns leading to multiply fractions by whole numbers.

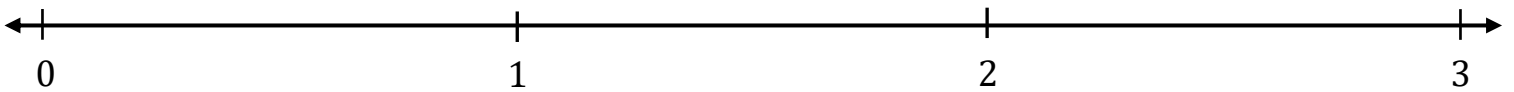
5.  $5 \times \frac{2}{4} = \underline{\hspace{2cm}}$



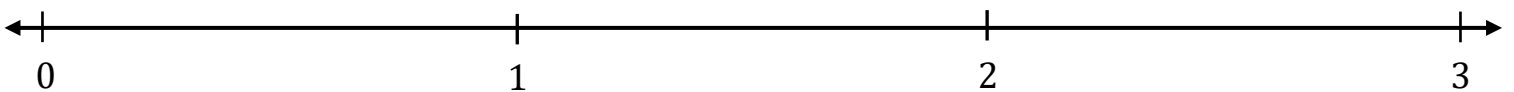
6.  $\frac{5}{6} \times 2 = \underline{\hspace{2cm}}$



7.  $4 \times \frac{3}{8} = \underline{\hspace{2cm}}$



8.  $\frac{3}{5} \times 4 = \underline{\hspace{2cm}}$





# Quick Check - Form D

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Directions:** Which answer choice has the same value as the multiplication problem.

(Work time: 30 seconds)

$\frac{1}{3} \times 5 = \underline{\hspace{2cm}}$	
$\frac{1}{3} + \frac{1}{5}$	$5 + \frac{1}{3}$
$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$	$\frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3}$

**Directions:** Multiply each whole number and fraction. (Work time: 3 minutes)

<p><b>2.</b></p> $4 \times \frac{2}{5} = \underline{\hspace{2cm}}$ <p style="text-align: center;">○ ○</p>	<p><b>3.</b></p> $6 \times \frac{1}{4} = \underline{\hspace{2cm}}$ <p style="text-align: center;">○ ○</p>
<p><b>4.</b></p> $\frac{3}{7} \times 4 = \underline{\hspace{2cm}}$	<p><b>5.</b></p> $\frac{3}{4} \times 5 = \underline{\hspace{2cm}}$

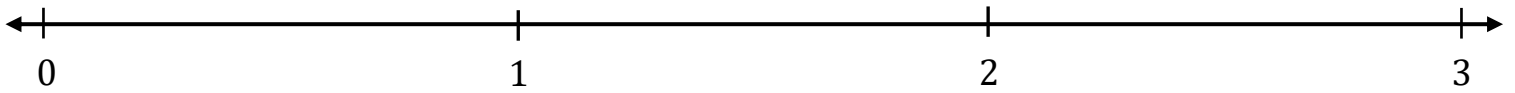
**Learning Target:** I will multiply a fraction by a whole number

## Session 5: Guided Practice (We Do)

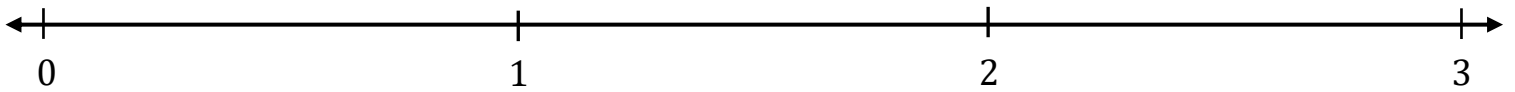
**We Do Together:** (Teacher Actions)

- Use number lines to multiply fractions by whole numbers.

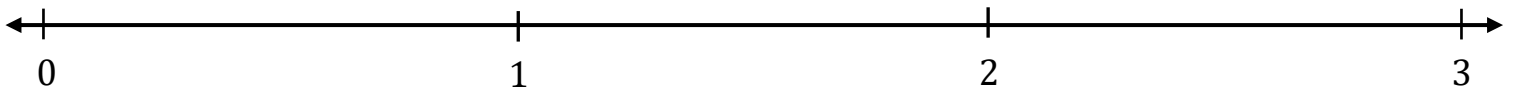
1.  $2 \times \frac{5}{6} = \underline{\hspace{2cm}}$



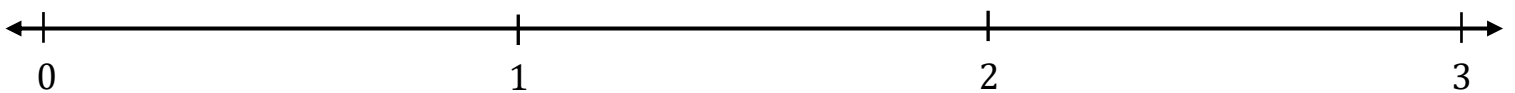
2.  $\frac{4}{5} \times 3 = \underline{\hspace{2cm}}$



3.  $5 \times \frac{3}{8} = \underline{\hspace{2cm}}$



4.  $\frac{2}{5} \times 4 = \underline{\hspace{2cm}}$



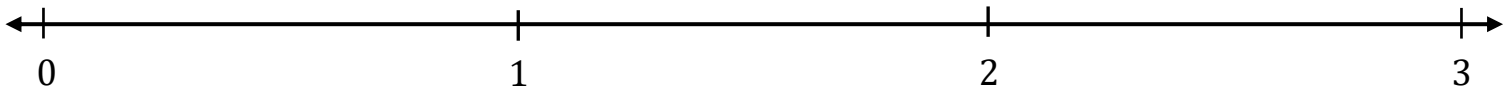
**Learning Target:** I will multiply a fraction by a whole number

## Session 5: Guided Practice (We Do - Continued)

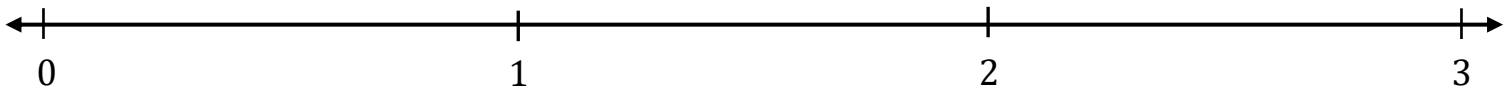
**You Do Together:** (Teacher Actions)

- Students take turns leading to multiply fractions by whole numbers.

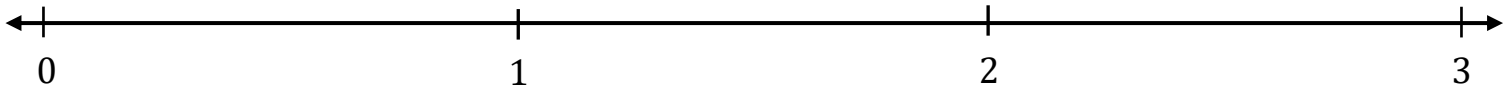
5.  $5 \times \frac{2}{4} = \underline{\hspace{2cm}}$



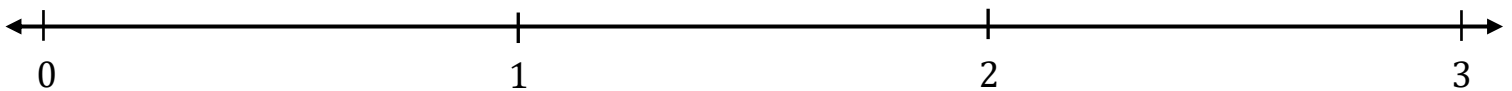
6.  $\frac{5}{6} \times 2 = \underline{\hspace{2cm}}$



7.  $3 \times \frac{5}{8} = \underline{\hspace{2cm}}$



8.  $\frac{3}{4} \times 4 = \underline{\hspace{2cm}}$





# Quick Check - Form E

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Directions:** Which answer choice has the same value as the multiplication problem.

(Work time: 30 seconds)

1.

$$\frac{1}{3} \times 2 = \underline{\hspace{2cm}}$$

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

$$\frac{1}{3} + \frac{1}{3}$$

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

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

**Directions:** Multiply each whole number and fraction. (Work time: 3 minutes)

2.

$$5 \times \frac{1}{3} = \underline{\hspace{2cm}}$$

3.

$$4 \times \frac{5}{7} = \underline{\hspace{2cm}}$$

4.

$$\frac{4}{5} \times 2 = \underline{\hspace{2cm}}$$

5.

$$\frac{3}{4} \times 6 = \underline{\hspace{2cm}}$$



**Learning Target:** I will multiply a fraction by a whole number

## Session 6: Guided Practice (We Do)

**We Do Together:** (Teacher Actions)

- Which answer choice has the same value as the multiplication problem.

1.

$$\frac{1}{5} \times 2 = \underline{\hspace{2cm}}$$

$\frac{1}{5} + \frac{1}{2}$ 
                         
   $\frac{1}{5} + \frac{1}{5}$

$2 + \frac{1}{5}$ 
                         
   $\frac{1}{5} \times \frac{1}{5}$

- Use your understanding of multiplication as repeated addition to complete each multiplication problem.

2.  $5 \times \frac{2}{3} = \underline{\hspace{2cm}}$	3.  $4 \times \frac{3}{7} = \underline{\hspace{2cm}}$
4.  $\frac{2}{5} \times 3 = \underline{\hspace{2cm}}$	5.  $\frac{3}{4} \times 2 = \underline{\hspace{2cm}}$

**Learning Target:** I will multiply a fraction by a whole number

## Session 6: Guided Practice (We Do - Continued)

**You Do Together:** (As a class, or in small groups)

- Students take turns leading to answer each problem using their understanding of multiplication.
- Which answer choice has the same value as the multiplication problem.

6.

$$\frac{1}{7} \times 3 = \underline{\hspace{2cm}}$$

$\frac{1}{7} + \frac{1}{3}$

$\frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

$3 + \frac{1}{7}$

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

- Use your understanding of multiplication as repeated addition to complete each multiplication problem.

7.

$$4 \times \frac{1}{3} = \underline{\hspace{2cm}}$$

8.

$$3 \times \frac{5}{6} = \underline{\hspace{2cm}}$$

9.

$$\frac{3}{5} \times 2 = \underline{\hspace{2cm}}$$

10.

$$\frac{2}{7} \times 5 = \underline{\hspace{2cm}}$$



# Quick Check - Form F

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Directions:** Which answer choice has the same value as the multiplication problem.

(Work time: 30 seconds)

$\frac{1}{3} \times 4 = \underline{\hspace{2cm}}$	
$\frac{1}{3} + \frac{1}{4}$	$4 + \frac{1}{3}$
$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$	$\frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3}$

**Directions:** Multiply each whole number and fraction. (Work time: 3 minutes)

<p><b>2.</b></p> $4 \times \frac{2}{5} = \underline{\hspace{2cm}}$ <p style="text-align: center;">○ ○</p>	<p><b>3.</b></p> $6 \times \frac{3}{4} = \underline{\hspace{2cm}}$
<p><b>4.</b></p> $\frac{3}{7} \times 4 = \underline{\hspace{2cm}}$	<p><b>5.</b></p> $\frac{1}{4} \times 5 = \underline{\hspace{2cm}}$

**Learning Target:** I will multiply a fraction by a whole number

## Session 7: Guided Practice (We Do)

**We Do Together:** (Teacher Actions)

- Which answer choice has the same value as the multiplication problem.

1.

$$\frac{1}{7} \times 2 = \underline{\hspace{2cm}}$$

$\frac{1}{7} + \frac{1}{2}$

$\frac{1}{7} + \frac{1}{7}$

$2 + \frac{1}{7}$

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

- Use your understanding of multiplication as repeated addition to complete each multiplication problem.

2.

$$4 \times \frac{2}{3} = \underline{\hspace{2cm}}$$

3.

$$5 \times \frac{3}{7} = \underline{\hspace{2cm}}$$

4.

$$\frac{4}{5} \times 3 = \underline{\hspace{2cm}}$$

5.

$$\frac{7}{8} \times 2 = \underline{\hspace{2cm}}$$

**Learning Target:** I will multiply a fraction by a whole number

## Session 7: Guided Practice (We Do - Continued)

**You Do Together:** (As a class, or in small groups)

- Students take turns leading to answer each problem using their understanding of multiplication.
- Which answer choice has the same value as the multiplication problem.

6.

$$\frac{1}{4} \times 3 = \underline{\hspace{2cm}}$$

$\frac{1}{4} + \frac{1}{3}$

$\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

$3 + \frac{1}{4}$

$\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$

- Use your understanding of multiplication as repeated addition to complete each multiplication problem.

7.

$$5 \times \frac{1}{3} = \underline{\hspace{2cm}}$$

8.

$$4 \times \frac{5}{6} = \underline{\hspace{2cm}}$$

9.

$$\frac{3}{5} \times 6 = \underline{\hspace{2cm}}$$

10.

$$\frac{4}{7} \times 5 = \underline{\hspace{2cm}}$$



# Quick Check - Form G

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Directions:** Which answer choice has the same value as the multiplication problem.

(Work time: 30 seconds)

$$\frac{1}{4} \times 3 = \underline{\hspace{2cm}}$$

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

$$\frac{1}{4} + \frac{1}{3}$$

$$3 + \frac{1}{4}$$

$$\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$$

**Directions:** Multiply each whole number and fraction. (Work time: 3 minutes)

**2.**

$$2 \times \frac{4}{5} = \underline{\hspace{2cm}}$$

○

○

**3.**

$$5 \times \frac{3}{4} = \underline{\hspace{2cm}}$$

○

○

**4.**

$$\frac{1}{7} \times 3 = \underline{\hspace{2cm}}$$

**5.**

$$\frac{3}{5} \times 4 = \underline{\hspace{2cm}}$$

**Learning Target:** I will multiply a fraction by a whole number

## Session 8: Guided Practice (We Do)

**We Do Together:** (Teacher Actions)

- Which answer choice has the same value as the multiplication problem.

1.

$$\frac{1}{5} \times 4 = \underline{\hspace{2cm}}$$

$\frac{1}{5} + \frac{1}{4}$ 
   
   $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

$4 + \frac{1}{5}$ 
   
   $\frac{1}{5} \times \frac{1}{5} \times \frac{1}{5} \times \frac{1}{5}$

- Use your understanding of multiplication as repeated addition to complete each multiplication problem.

2.  $5 \times \frac{2}{9} = \underline{\hspace{2cm}}$	3.  $4 \times \frac{3}{5} = \underline{\hspace{2cm}}$
4.  $\frac{2}{3} \times 6 = \underline{\hspace{2cm}}$	5.  $\frac{5}{7} \times 3 = \underline{\hspace{2cm}}$

**Learning Target:** I will multiply a fraction by a whole number

## Session 8: Guided Practice (We Do - Continued)

**You Do Together:** (As a class, or in small groups)

- Students take turns leading to answer each problem using their understanding of multiplication.
- Which answer choice has the same value as the multiplication problem.

6.

$$\frac{1}{7} \times 2 = \underline{\hspace{2cm}}$$

$\frac{1}{7} + \frac{1}{2}$

$\frac{1}{7} + \frac{1}{7}$

$2 + \frac{1}{7}$

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

- Use your understanding of multiplication as repeated addition to complete each multiplication problem.

7.

$$4 \times \frac{2}{3} = \underline{\hspace{2cm}}$$

8.

$$2 \times \frac{5}{6} = \underline{\hspace{2cm}}$$

9.

$$\frac{4}{5} \times 5 = \underline{\hspace{2cm}}$$

10.

$$\frac{6}{7} \times 4 = \underline{\hspace{2cm}}$$





# Quick Check - Form H

Name \_\_\_\_\_ Date \_\_\_\_\_

**Learning Target:** I will multiply a whole number by a fraction.

**Directions:** Which answer choice has the same value as the multiplication problem.

(Work time: 30 seconds)

$\frac{1}{3} \times 5 = \underline{\hspace{2cm}}$	
$\frac{1}{3} + \frac{1}{5}$	$5 + \frac{1}{3}$
$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$	$\frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3}$

**Directions:** Multiply each whole number and fraction. (Work time: 3 minutes)

<p><b>2.</b></p> $4 \times \frac{2}{5} = \underline{\hspace{2cm}}$ <p style="text-align: center;"><input type="radio"/> <span style="margin-left: 150px;"><input type="radio"/></span></p>	<p><b>3.</b></p> $6 \times \frac{1}{4} = \underline{\hspace{2cm}}$ <p style="text-align: center;"><input type="radio"/> <span style="margin-left: 150px;"><input type="radio"/></span></p>
<p><b>4.</b></p> $\frac{3}{7} \times 4 = \underline{\hspace{2cm}}$	<p><b>5.</b></p> $\frac{3}{4} \times 5 = \underline{\hspace{2cm}}$