5th Grade Fall Guided Review

Readiness Standard 6 - 4.NF.4b

Name_____ Date_____

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

1. $\frac{1}{3}$ x 4 is equivalent to which expression?

- ○ $\frac{1}{3} \times \frac{1}{4}$
- ○ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$
- ○ $4 + \frac{1}{3}$
- ○ $\frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3}$

2. Multiply: $3 \times \frac{1}{4}$

- ○ $\frac{1}{12}$
- ○ $\frac{12}{1}$
- ○ $\frac{3}{4}$
- ○ $\frac{4}{3}$

3. Multiply: $4 \times \frac{5}{6}$

- ○ $\frac{20}{6}$
- ○ $\frac{5}{24}$
- ○ $\frac{24}{5}$
- ○ $\frac{20}{24}$

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Quick Check - Form A

5th Grade - Readiness Standard 6 - 4.NF.4b

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.

$\frac{1}{3}$ x 2 = _____

- ○ $\frac{1}{3} + \frac{1}{2}$
- ○ $\frac{1}{3} + \frac{1}{3}$
- ○ $2 + \frac{1}{3}$
- ○ $\frac{1}{3}$ x $\frac{1}{3}$

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

2.

$5 \times \frac{1}{3} =$ _____

3.

$4 \times \frac{5}{7} =$ _____

4.

$\frac{4}{5} \times 2 =$ _____

5.

$\frac{3}{4} \times 6 =$ _____

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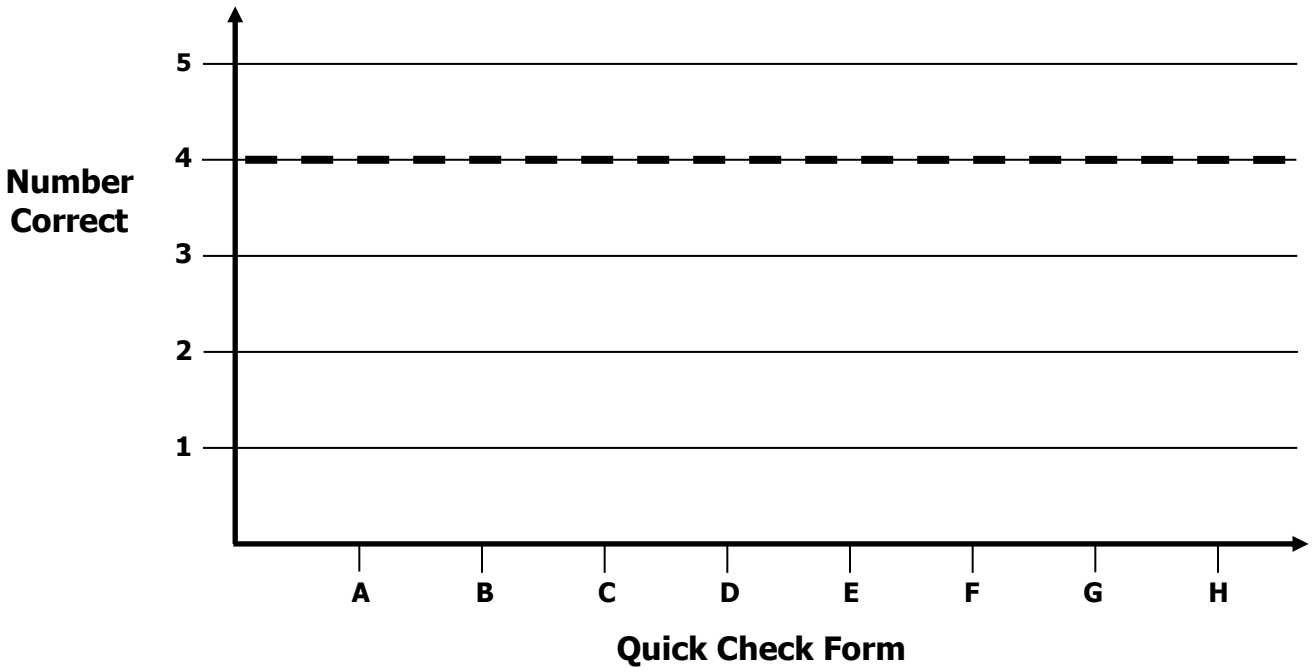
Growth Chart

5th Grade - Readiness Standard 6 - 4.NF.4b

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:		

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

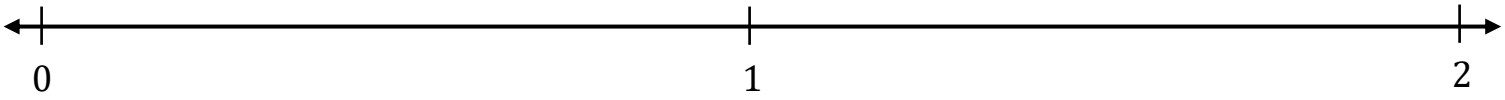
Learning Target: I will multiply a fraction by a whole number

Session 2: Guided Practice (We Do)

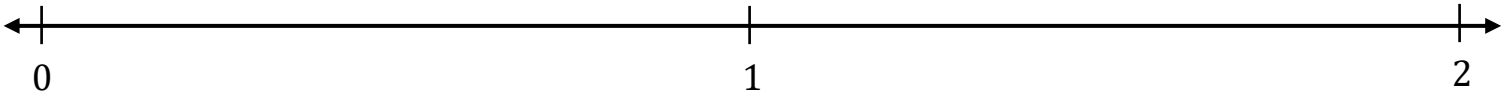
We Do Together: (Teacher Actions)

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

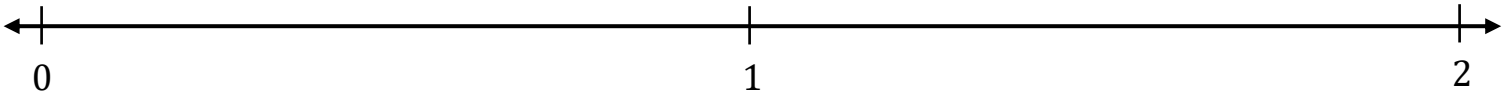
1. $5 \times \frac{1}{3} =$ _____



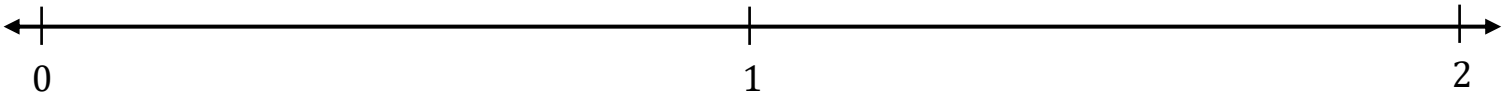
2. $3 \times \frac{2}{4} =$ _____



3. $4 \times \frac{3}{8} =$ _____



4. $3 \times \frac{2}{6} =$ _____



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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

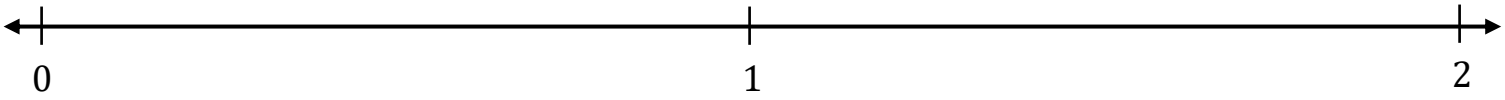
Learning Target: I will multiply a fraction by a whole number

Session 2: Guided Practice (We Do - Continued)

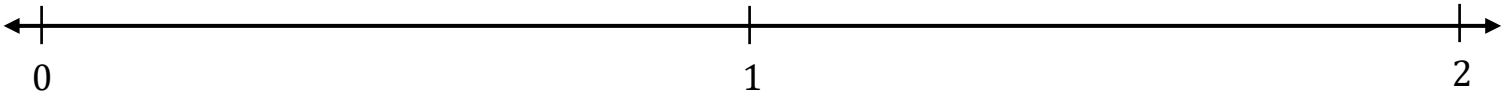
You Do Together: (As a class, or in small groups)

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

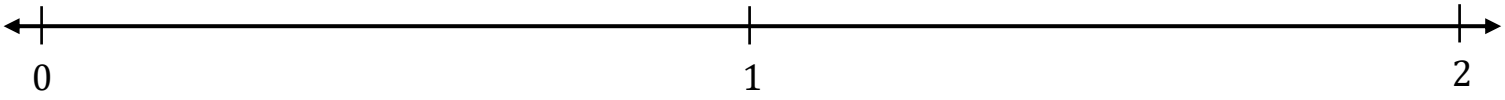
5. $2 \times \frac{3}{4} =$ _____



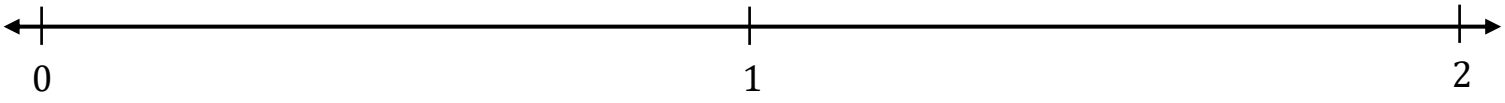
6. $3 \times \frac{1}{2} =$ _____



7. $3 \times \frac{2}{3} =$ _____



8. $7 \times \frac{2}{8} =$ _____



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Quick Check - Form B

5th Grade - Readiness Standard 6 - 4.NF.4b

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)

$\frac{1}{3}$ x 4 = _____

- ○ $\frac{1}{3} + \frac{1}{4}$
- ○ $4 + \frac{1}{3}$
- ○ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$
- ○ $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$

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

2.

$4 \times \frac{2}{5} =$ _____

3.

$6 \times \frac{3}{4} =$ _____

4.

$\frac{3}{7}$ x $4 =$ _____

5.

$\frac{1}{4}$ x $5 =$ _____

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

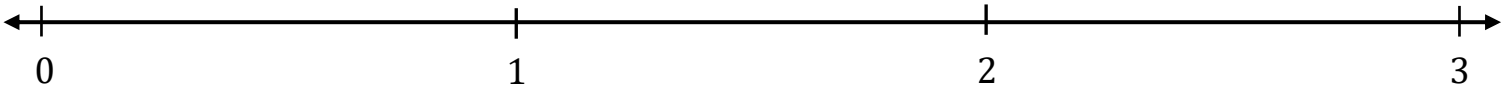
Learning Target: I will multiply a fraction by a whole number

Session 3: Guided Practice (We Do)

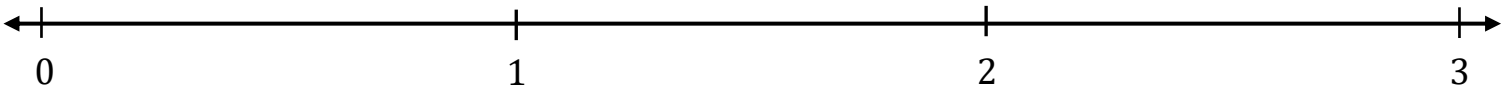
We Do Together: (Teacher Actions)

- Use number lines to multiply fractions by whole numbers.

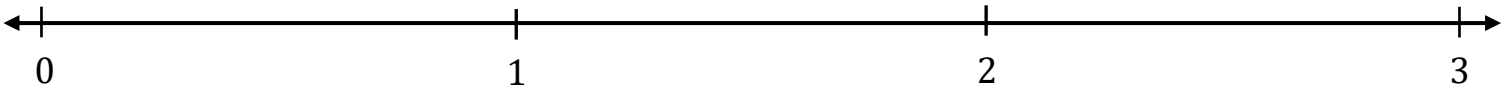
1. $4 \times \frac{2}{3} =$ _____



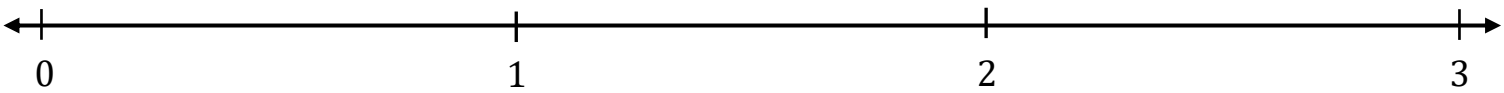
2. $\frac{3}{4} \times 2 =$ _____



3. $6 \times \frac{3}{8} =$ _____



4. $\frac{2}{5} \times 5 =$ _____



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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

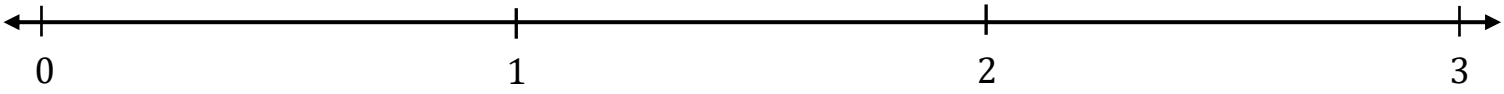
Learning Target: I will multiply a fraction by a whole number

Session 3: Guided Practice (We Do - Continued)

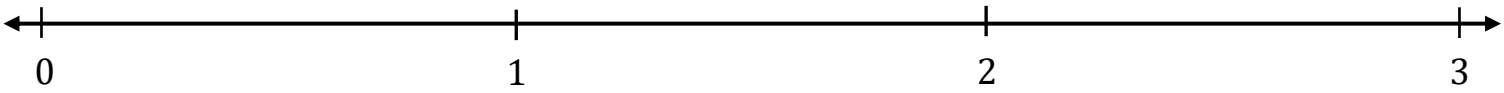
You Do Together: (Teacher Actions)

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

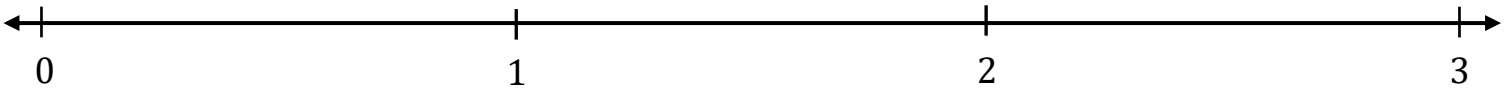
5. $6 \times \frac{2}{4} =$ _____



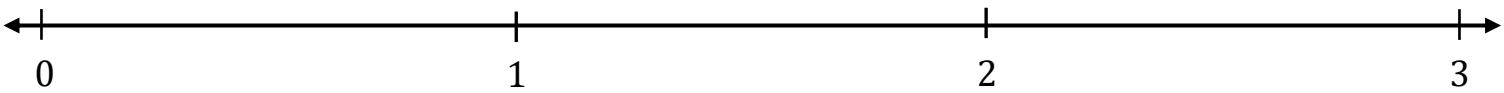
6. $\frac{5}{6} \times 3 =$ _____



7. $4 \times \frac{5}{8} =$ _____



8. $\frac{3}{4} \times 3 =$ _____



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Quick Check - Form C

5th Grade - Readiness Standard 6 - 4.NF.4b

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)

$\frac{1}{4}$ x 3 = _____

- ○ $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$
- ○ $\frac{1}{4} + \frac{1}{3}$
- ○ $3 + \frac{1}{4}$
- ○ $\frac{1}{4}$ x $\frac{1}{4}$ x $\frac{1}{4}$

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

2.

$2 \times \frac{4}{5} =$ _____

3.

$5 \times \frac{3}{4} =$ _____

4.

$\frac{1}{7} \times 3 =$ _____

5.

$\frac{3}{5} \times 4 =$ _____

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

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

Session 4: Guided Practice (We Do)

We Do Together: (Teacher Actions)

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

1.

$$\frac{1}{5} \times 2 = _____$$

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

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

2.

$$5 \times \frac{2}{3} = _____$$

3.

$$4 \times \frac{3}{7} = _____$$

4.

$$\frac{2}{5} \times 3 = _____$$

5.

$$\frac{3}{4} \times 2 = _____$$

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

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

Session 4: 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.

$$\frac{1}{7} \text{ x } 3 = _____$$

- ○ $\frac{1}{7} + \frac{1}{3}$
- ○ $\frac{1}{7} + \frac{1}{7} + \frac{1}{7}$
- ○ $3 + \frac{1}{7}$
- ○ $\frac{1}{7} \text{ x } \frac{1}{7} \text{ x } \frac{1}{7}$

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

7.

$$4 \text{ x } \frac{1}{3} = _____$$

8.

$$3 \text{ x } \frac{5}{6} = _____$$

9.

$$\frac{3}{5} \text{ x } 2 = _____$$

10.

$$\frac{2}{7} \text{ x } 5 = _____$$

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Quick Check - Form D

5th Grade - Readiness Standard 6 - 4.NF.4b

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)

$\frac{1}{3}$ x 5 = _____

- ○ $\frac{1}{3} + \frac{1}{5}$
- ○ $5 + \frac{1}{3}$
- ○ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$
- ○ $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$

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

2.

$4 \times \frac{2}{5} =$ _____

3.

$6 \times \frac{1}{4} =$ _____

4.

$\frac{3}{7}$ x 4 = _____

5.

$\frac{3}{4}$ x 5 = _____

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

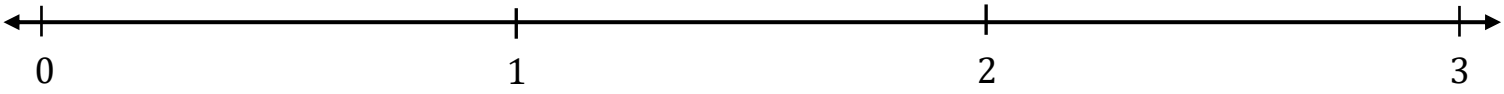
Learning Target: I will multiply a fraction by a whole number

Session 5: Guided Practice (We Do)

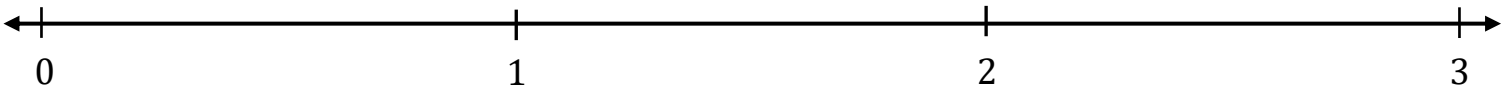
We Do Together: (Teacher Actions)

- Use number lines to multiply fractions by whole numbers.

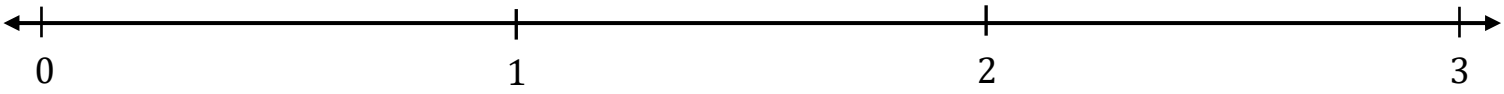
1. $2 \times \frac{3}{4} =$ _____



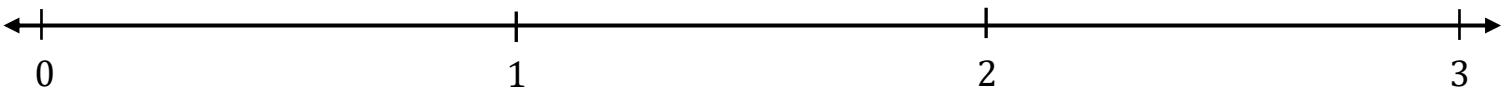
2. $\frac{3}{5} \times 3 =$ _____



3. $5 \times \frac{3}{8} =$ _____



4. $\frac{2}{3} \times 4 =$ _____



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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

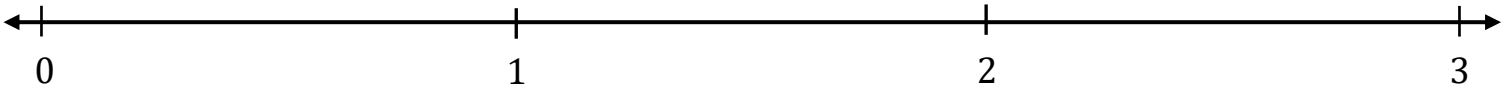
Learning Target: I will multiply a fraction by a whole number

Session 5: Guided Practice (We Do - Continued)

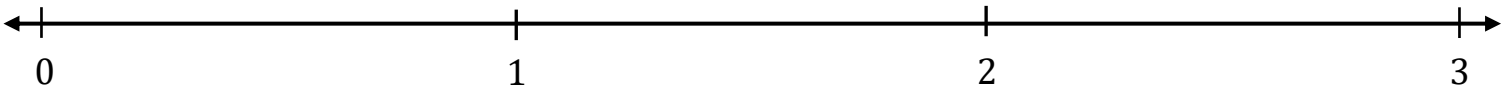
You Do Together: (Teacher Actions)

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

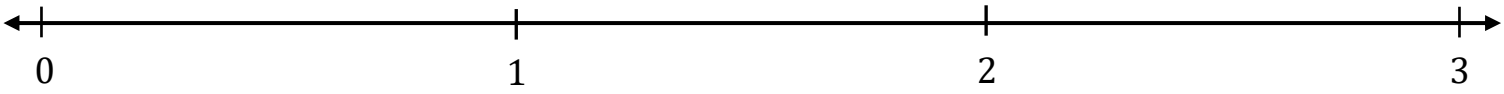
5. $5 \times \frac{2}{4} =$ _____



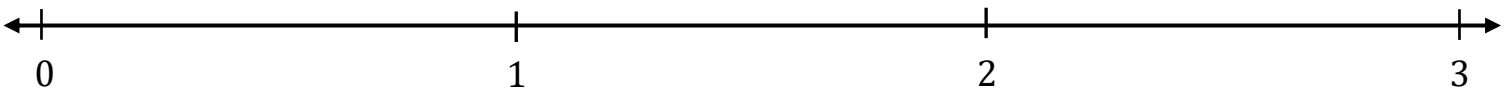
6. $\frac{5}{6} \times 2 =$ _____



7. $4 \times \frac{3}{8} =$ _____



8. $\frac{3}{5} \times 4 =$ _____



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Quick Check - Form E

5th Grade - Readiness Standard 6 - 4.NF.4b

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.

$\frac{1}{3}$ x 2 = _____

- ○ $\frac{1}{3} + \frac{1}{2}$
- ○ $\frac{1}{3} + \frac{1}{3}$
- ○ $2 + \frac{1}{3}$
- ○ $\frac{1}{3}$ x $\frac{1}{3}$

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

2.

$5 \times \frac{1}{3} =$ _____

3.

$4 \times \frac{5}{7} =$ _____

4.

$\frac{4}{5} \times 2 =$ _____

5.

$\frac{3}{4} \times 6 =$ _____

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

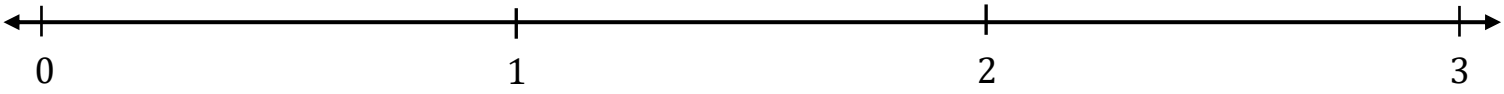
Learning Target: I will multiply a fraction by a whole number

Session 6: Guided Practice (We Do)

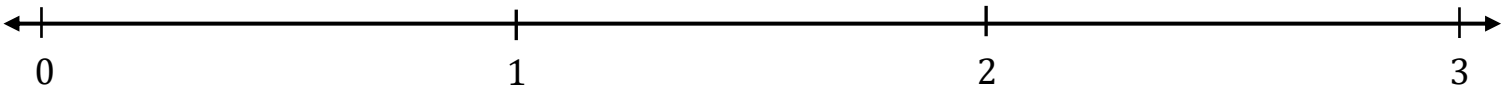
We Do Together: (Teacher Actions)

- Use number lines to multiply fractions by whole numbers.

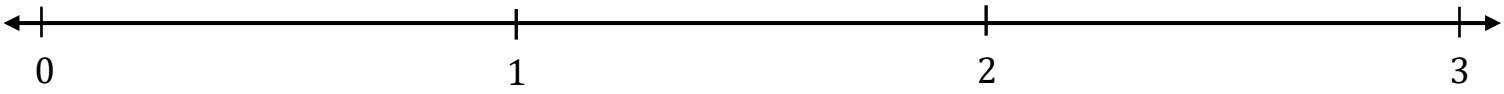
1. $2 \times \frac{5}{6} =$ _____



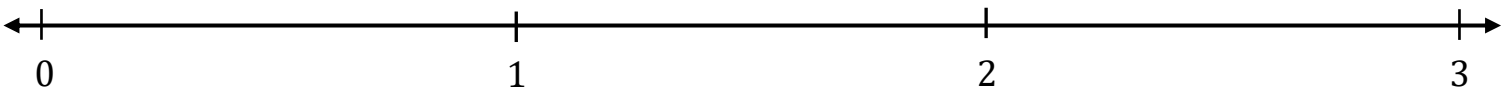
2. $\frac{4}{5} \times 3 =$ _____



3. $5 \times \frac{3}{8} =$ _____



4. $\frac{2}{5} \times 4 =$ _____



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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

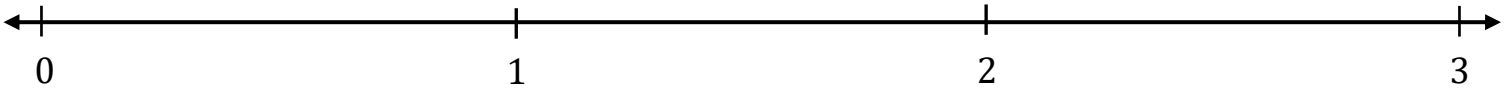
Learning Target: I will multiply a fraction by a whole number

Session 6: Guided Practice (We Do - Continued)

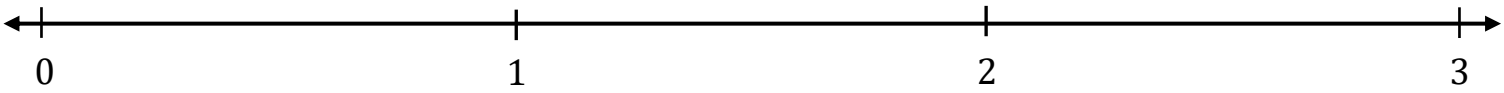
You Do Together: (Teacher Actions)

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

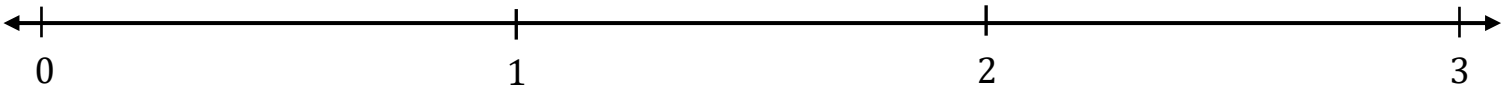
5. $5 \times \frac{2}{4} =$ _____



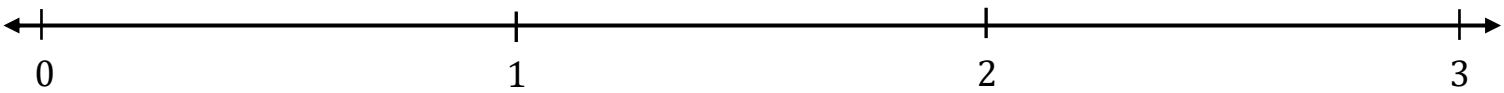
6. $\frac{5}{6} \times 2 =$ _____



7. $3 \times \frac{5}{8} =$ _____



8. $\frac{3}{4} \times 4 =$ _____



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Quick Check - Form F

5th Grade - Readiness Standard 6 - 4.NF.4b

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)

$\frac{1}{3}$ x 4 = _____

- ○ $\frac{1}{3} + \frac{1}{4}$
- ○ $4 + \frac{1}{3}$
- ○ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$
- ○ $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$

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

2.

$4 \times \frac{2}{5} =$ _____

3.

$6 \times \frac{3}{4} =$ _____

4.

$\frac{3}{7}$ x $4 =$ _____

5.

$\frac{1}{4}$ x $5 =$ _____

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

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.

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

- ○ $\frac{1}{7} + \frac{1}{2}$
- ○ $\frac{1}{7} + \frac{1}{7}$
- ○ $2 + \frac{1}{7}$
- ○ $\frac{1}{7} \times \frac{1}{7}$

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

2.

$$4 \times \frac{2}{3} = _____$$

3.

$$5 \times \frac{3}{7} = _____$$

4.

$$\frac{4}{5} \times 3 = _____$$

5.

$$\frac{7}{8} \times 2 = _____$$

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

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.

$$\frac{1}{4} \times 3 = _____$$

- ○ $\frac{1}{4} + \frac{1}{3}$
- ○ $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$
- ○ $3 + \frac{1}{4}$
- ○ $\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$

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

7.

$$5 \times \frac{1}{3} = _____$$

8.

$$4 \times \frac{5}{6} = _____$$

9.

$$\frac{3}{5} \times 6 = _____$$

10.

$$\frac{4}{7} \times 5 = _____$$

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Quick Check - Form G

5th Grade - Readiness Standard 6 - 4.NF.4b

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)

$\frac{1}{4}$ x 3 = _____

- ○ $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$
- ○ $\frac{1}{4} + \frac{1}{3}$
- ○ $3 + \frac{1}{4}$
- ○ $\frac{1}{4}$ x $\frac{1}{4}$ x $\frac{1}{4}$

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

2. $2 \times \frac{4}{5} =$ _____	**3.** $5 \times \frac{3}{4} =$ _____
4. $\frac{1}{7} \times 3 =$ _____	**5.** $\frac{3}{5} \times 4 =$ _____

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

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.

$$\frac{1}{5} \times 4 = _____$$

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

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

2.

$$5 \times \frac{2}{9} = _____$$

3.

$$4 \times \frac{3}{5} = _____$$

4.

$$\frac{2}{3} \times 6 = _____$$

5.

$$\frac{5}{7} \times 3 = _____$$

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Name _____ Date _____

5th Grade - RS 6 - 4.NF.4b

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.

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

- ○ $\frac{1}{7} + \frac{1}{2}$
- ○ $\frac{1}{7} + \frac{1}{7}$
- ○ $2 + \frac{1}{7}$
- ○ $\frac{1}{7} \times \frac{1}{7}$

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

7.

$$4 \times \frac{2}{3} = _____$$

8.

$$2 \times \frac{5}{6} = _____$$

9.

$$\frac{4}{5} \times 5 = _____$$

10.

$$\frac{6}{7} \times 4 = _____$$

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Quick Check - Form H

5th Grade - Readiness Standard 6 - 4.NF.4b

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)

$\frac{1}{3}$ x 5 = _____

- ○ $\frac{1}{3} + \frac{1}{5}$
- ○ $5 + \frac{1}{3}$
- ○ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$
- ○ $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$ x $\frac{1}{3}$

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

2.

$4 \times \frac{2}{5} =$ _____

3.

$6 \times \frac{1}{4} =$ _____

4.

$\frac{3}{7}$ x 4 = _____

5.

$\frac{3}{4}$ x 5 = _____

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