

Learning Target: I will multiply fractions

Session 1: Guided Practice (We Do)

Materials:

- Templates for Squares (2 sheets per student)
- 1 yellow and 1 blue highlighter per student

We Do Together: (Teacher Actions)

- Restate each fraction multiplication problem based on your conceptual understanding.
- Fold and highlight fraction squares to find each answer.

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

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

- Students take turns leading to multiply fractions.

5. $\frac{1}{3} \times \frac{2}{4}$	6. $\frac{1}{2} \times \frac{3}{4}$
7. $\frac{1}{3} \times \frac{3}{4}$	8. $\frac{2}{3} \times \frac{3}{4}$



Quick Check - Form A

Name _____ Date _____

Learning Target: I will multiply fractions.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

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

2.

$$\frac{1}{5} \times \frac{3}{8} = \underline{\hspace{2cm}}$$

3.

$$\frac{6}{7} \times \frac{2}{5} = \underline{\hspace{2cm}}$$

4.

$$\frac{7}{8} \times \frac{4}{9} = \underline{\hspace{2cm}}$$

5.

$$\frac{5}{9} \times \frac{3}{10} = \underline{\hspace{2cm}}$$

6.

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

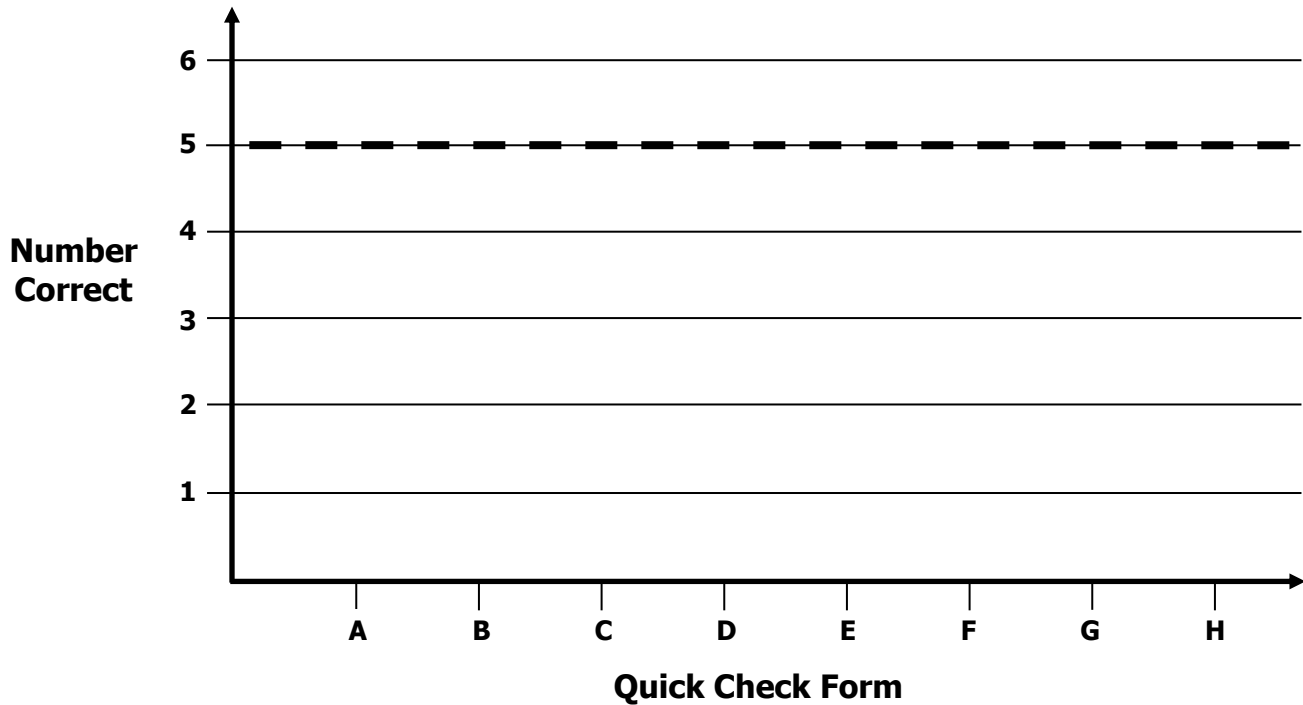


Growth Chart

Name _____ Date _____

Learning Target: I will multiply fractions.

Goal: 5 out of 6 correct



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



Name _____

Date _____

Learning Target: I will multiply fractions

Session 2: Guided Practice (We Do)

Materials:

- Templates for Squares (2 sheets per student)
- 1 yellow and 1 blue highlighter per student

We Do Together: (Teacher Actions)

- Restate each fraction multiplication problem based on your conceptual understanding.
- Fold and highlight fraction squares to find each answer.

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

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

- Students take turns leading to multiply fractions.

5. $\frac{1}{3} \times \frac{1}{4}$	6. $\frac{1}{2} \times \frac{1}{4}$
7. $\frac{1}{4} \times \frac{2}{3}$	8. $\frac{3}{4} \times \frac{1}{3}$



Quick Check - Form B

Name _____ Date _____

Learning Target: I will multiply fractions.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

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

2.

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

3.

$$\frac{8}{9} \times \frac{2}{5} = \underline{\hspace{2cm}}$$

4.

$$\frac{2}{9} \times \frac{3}{4} = \underline{\hspace{2cm}}$$

5.

$$\frac{3}{10} \times \frac{6}{7} = \underline{\hspace{2cm}}$$

6.

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

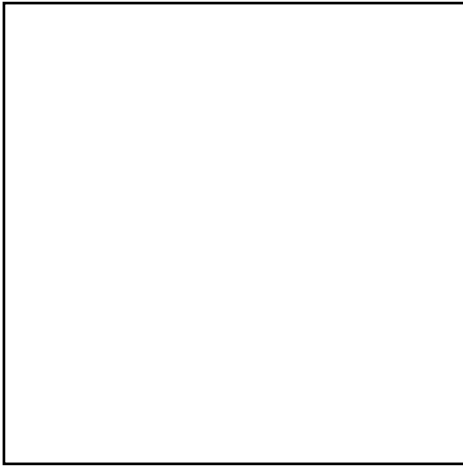
Learning Target: I will multiply fractions

Session 3: Guided Practice (We Do)

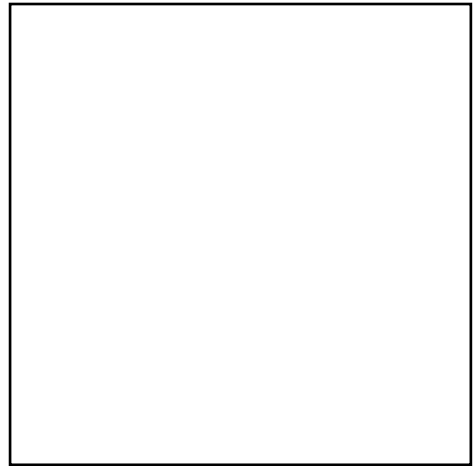
We Do Together: (Teacher Actions)

- Restate each fraction multiplication problem based on your conceptual understanding.
Example: 1 third of 1 fourth is equal to what part of the whole?
- Use the square guide to help you draw the fractions given in each problem.

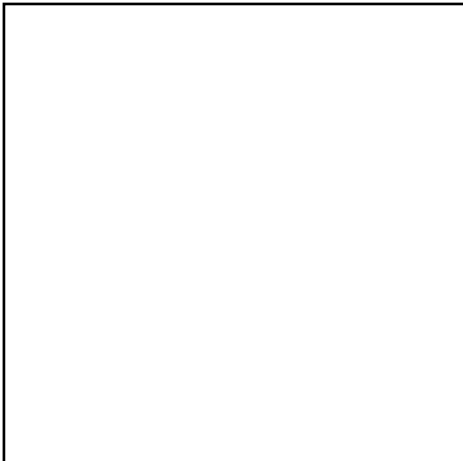
1. $\frac{1}{3} \times \frac{1}{4} =$ _____



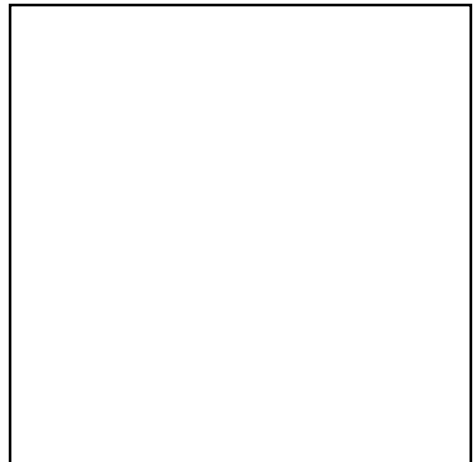
2. $\frac{1}{2} \times \frac{1}{6} =$ _____



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



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



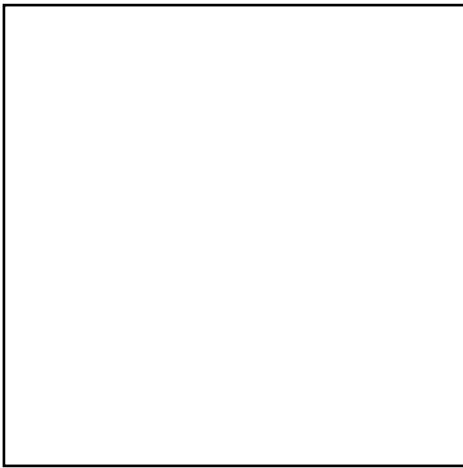
Learning Target: I will multiply fractions

Session 3: Guided Practice (We Do Continued)

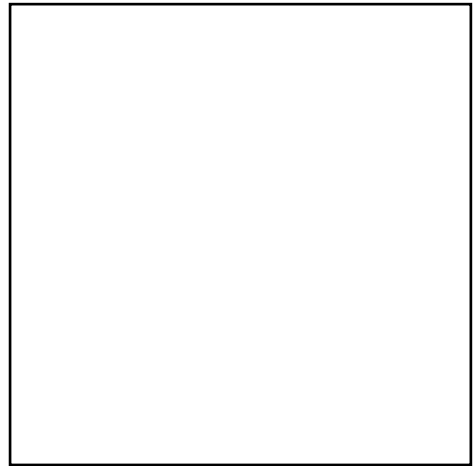
You Do Together: (As a class, or in small groups)

- Students take turns restating each fraction multiplication problem.
- Use the square guide to help you draw the fractions given in each problem.

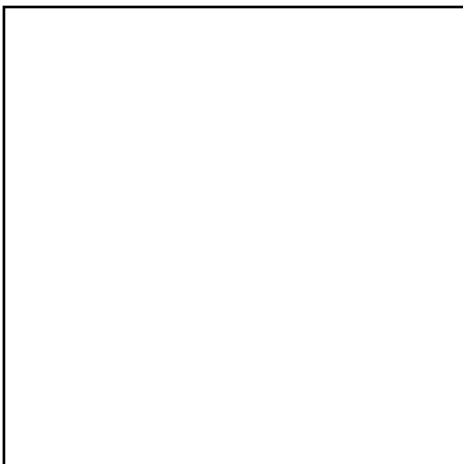
5. $\frac{1}{4} \times \frac{1}{2} =$ _____



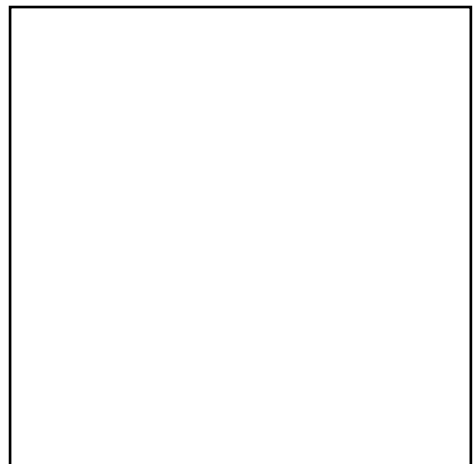
6. $\frac{1}{2} \times \frac{1}{3} =$ _____



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



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





Quick Check - Form C

Name _____ Date _____

Learning Target: I will multiply fractions.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

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

2.

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

3.

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

4.

$$\frac{3}{10} \times \frac{5}{6} = \underline{\hspace{2cm}}$$

5.

$$\frac{6}{7} \times \frac{3}{8} = \underline{\hspace{2cm}}$$

6.

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

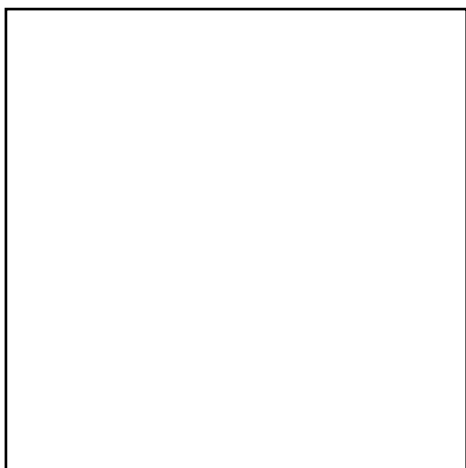
Learning Target: I will multiply fractions

Session 4: Guided Practice (We Do)

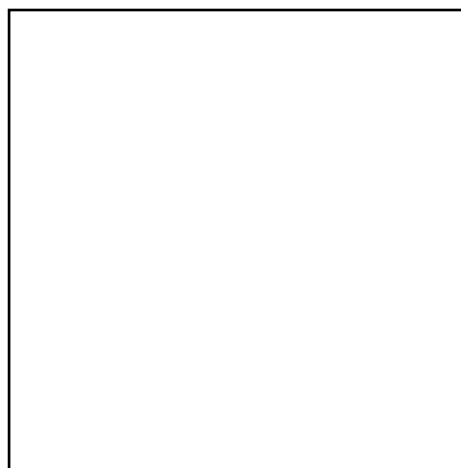
We Do Together: (Teacher Actions)

- Restate each fraction multiplication problem based on your conceptual understanding.
Example: 1 third of 1 fourth is equal to what part of the whole?
- Use the square guide to help you draw the fractions given in each problem.

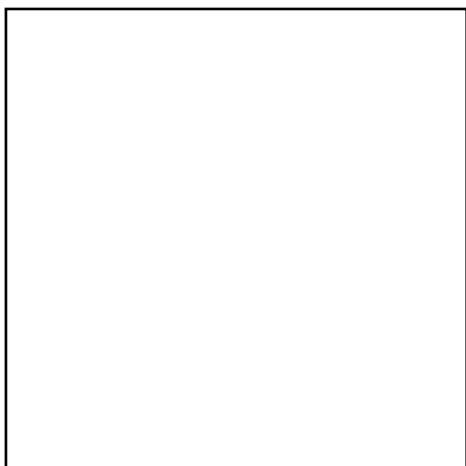
1. $\frac{2}{3} \times \frac{1}{4} =$ _____



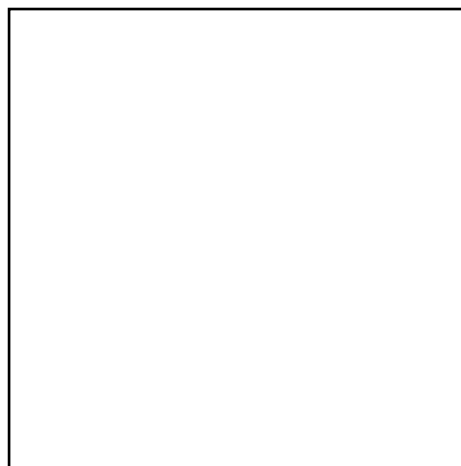
2. $\frac{1}{2} \times \frac{5}{6} =$ _____



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



4. $\frac{1}{4} \times \frac{5}{8} =$ _____



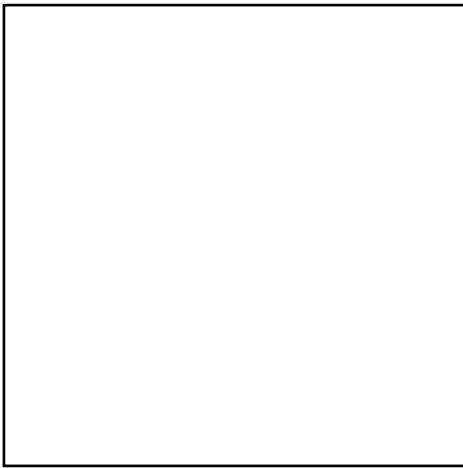
Learning Target: I will multiply fractions

Session 4: Guided Practice (We Do Continued)

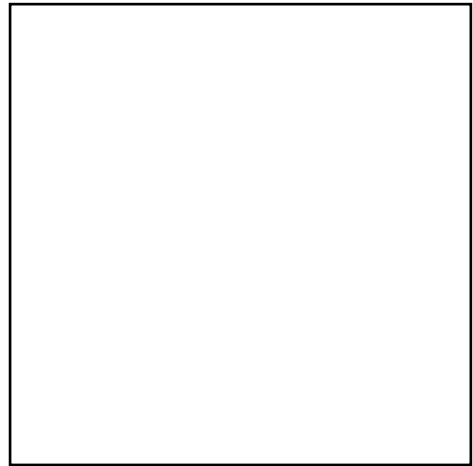
You Do Together: (As a class, or in small groups)

- Students take turns restating each fraction multiplication problem.
- Use the square guide to help you draw the fractions given in each problem.

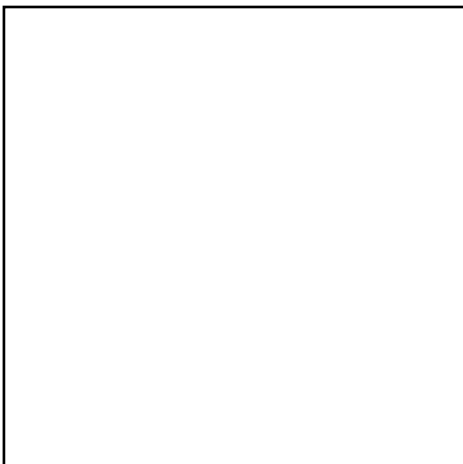
5. $\frac{1}{6} \times \frac{3}{4} =$ _____



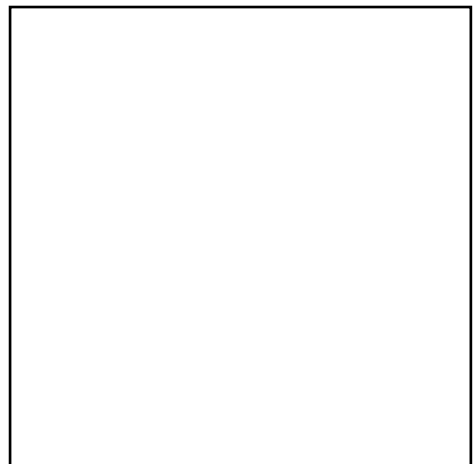
6. $\frac{1}{2} \times \frac{2}{3} =$ _____



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



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





Quick Check - Form D

Name _____ Date _____

Learning Target: I will multiply fractions.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

$$\frac{1}{4} \times \frac{3}{5} = \underline{\hspace{2cm}}$$

2.

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

3.

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

4.

$$\frac{7}{10} \times \frac{3}{4} = \underline{\hspace{2cm}}$$

5.

$$\frac{8}{9} \times \frac{2}{4} = \underline{\hspace{2cm}}$$

6.

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

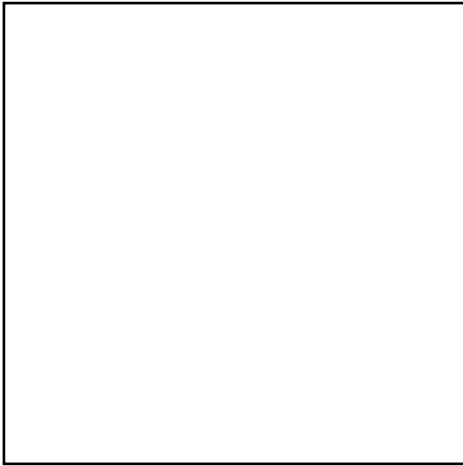
Learning Target: I will multiply fractions

Session 5: Guided Practice (We Do)

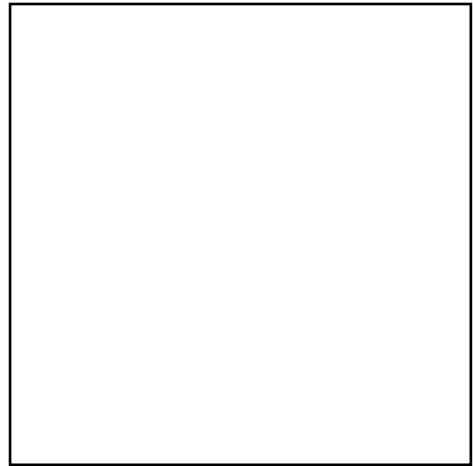
We Do Together: (Teacher Actions)

- Restate each fraction multiplication problem based on your conceptual understanding.
Example: 1 third of 1 fourth is equal to what part of the whole?
- Use the square guide to help you draw the fractions given in each problem.

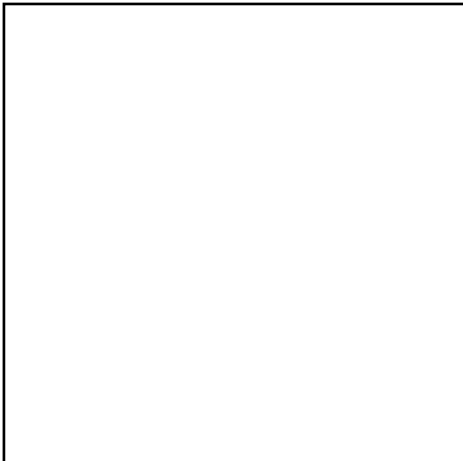
1. $\frac{1}{3} \times \frac{3}{4} =$ _____



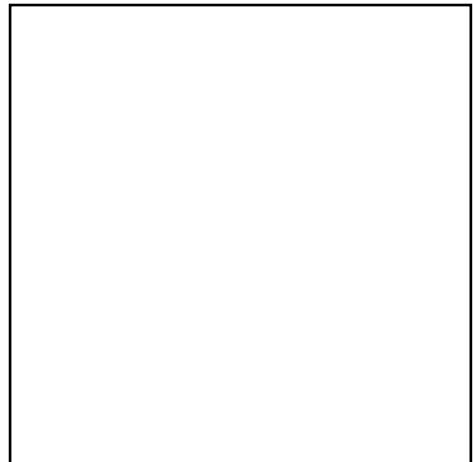
2. $\frac{3}{4} \times \frac{1}{6} =$ _____



3. $\frac{1}{4} \times \frac{7}{8} =$ _____



4. $\frac{2}{3} \times \frac{5}{6} =$ _____



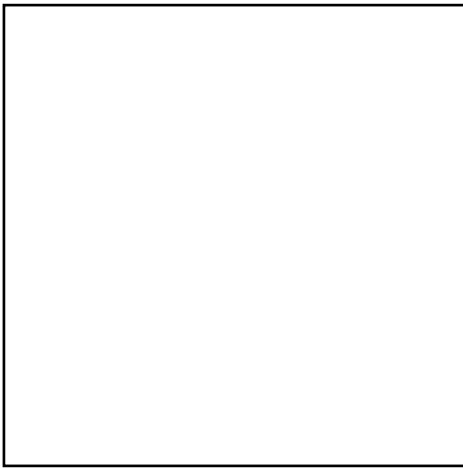
Learning Target: I will multiply fractions

Session 5: Guided Practice (We Do Continued)

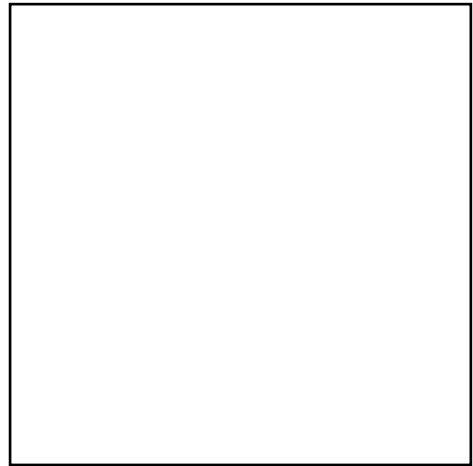
You Do Together: (As a class, or in small groups)

- Students take turns restating each fraction multiplication problem.
- Use the square guide to help you draw the fractions given in each problem.

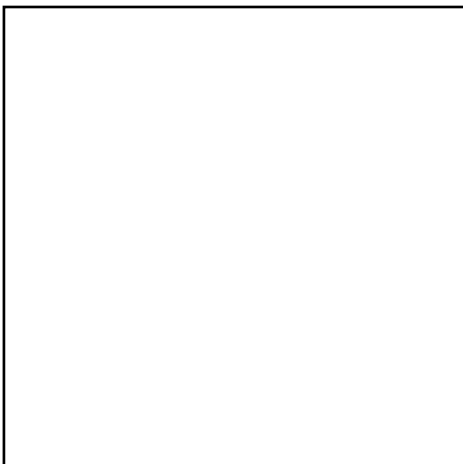
5. $\frac{1}{4} \times \frac{2}{3} =$ _____



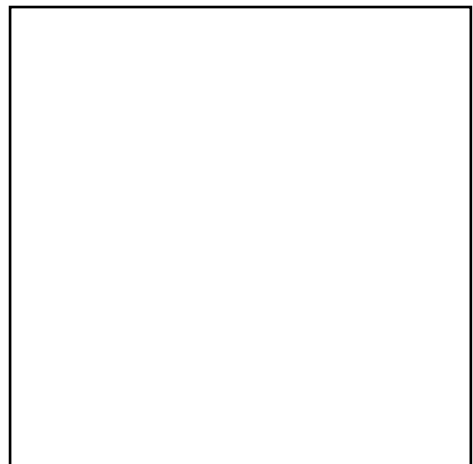
6. $\frac{1}{2} \times \frac{3}{4} =$ _____



7. $\frac{1}{3} \times \frac{5}{8} =$ _____



8. $\frac{3}{4} \times \frac{5}{6} =$ _____





Quick Check - Form E

Name _____ Date _____

Learning Target: I will multiply fractions.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

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

2.

$$\frac{1}{5} \times \frac{3}{8} = \underline{\hspace{2cm}}$$

3.

$$\frac{6}{7} \times \frac{2}{5} = \underline{\hspace{2cm}}$$

4.

$$\frac{7}{8} \times \frac{4}{9} = \underline{\hspace{2cm}}$$

5.

$$\frac{5}{9} \times \frac{3}{10} = \underline{\hspace{2cm}}$$

6.

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

Learning Target: I will multiply fractions

Session 6: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Fold your paper to hide the math drawings. Then, multiply to find each answer and simplify, if needed.
- Use the drawing to check if your answer is correct.

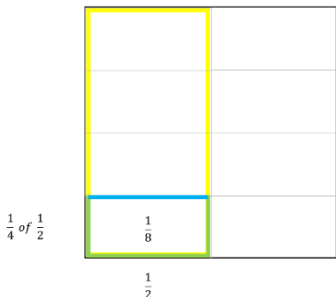
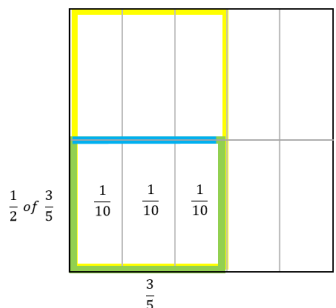
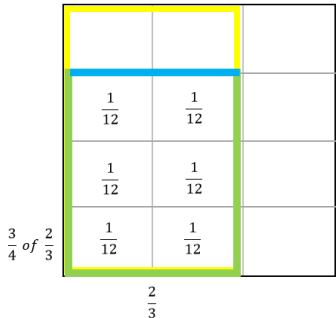
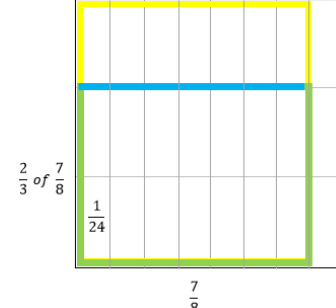
	Multiply and Simplify	Check Your Work
1. $\frac{1}{3} \times \frac{1}{4}$		$\frac{1}{3}$ of $\frac{1}{4}$ = $\frac{1}{12}$ $\frac{1}{4}$
2. $\frac{1}{2} \times \frac{3}{4}$		$\frac{1}{2}$ of $\frac{3}{4}$ = $\frac{3}{8}$ $\frac{3}{4}$
3. $\frac{1}{4} \times \frac{2}{3}$		$\frac{1}{4}$ of $\frac{2}{3}$ = $\frac{2}{12}$ $\frac{2}{3}$
4. $\frac{3}{4} \times \frac{4}{5}$		$\frac{3}{4}$ of $\frac{4}{5}$ = $\frac{1}{5}$ $\frac{4}{5}$

Learning Target: I will multiply fractions

Session 6: Guided Practice (We Do - Continued)

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

- Fold your paper to hide the math drawings.
- Students take turns leading to multiply fractions, simplify answers if needed and check your work.

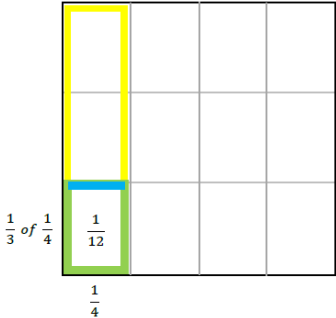
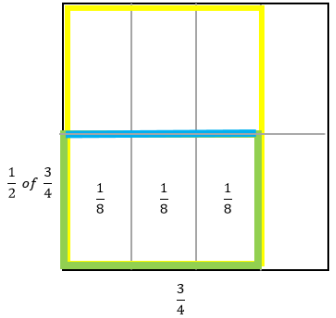
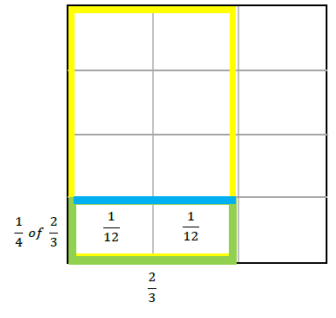
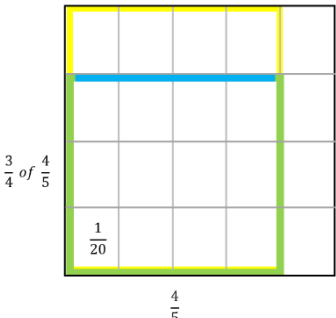
	Multiply and Simplify	Check Your Work
5. $\frac{1}{4} \times \frac{1}{2}$		
6. $\frac{1}{2} \times \frac{3}{5}$		
7. $\frac{3}{4} \times \frac{2}{3}$		
8. $\frac{2}{3} \times \frac{7}{8}$		

Learning Target: I will multiply fractions

Session 6: Guided Practice (We Do – Teacher Notes)

We Do Together: (Teacher Actions)

- Fold your paper to hide the math drawings. Then, multiply to find each answer and simplify, if needed.
- Use the drawing to check if your answer is correct.

	Multiply and Simplify	Check Your Work
1. $\frac{1}{3} \times \frac{1}{4}$	$\frac{1 \times 1}{3 \times 4} = \frac{1}{12}$	
2. $\frac{1}{2} \times \frac{3}{4}$	$\frac{1 \times 3}{2 \times 4} = \frac{3}{8}$	
3. $\frac{1}{4} \times \frac{2}{3}$	$\frac{1 \times 2}{4 \times 3} = \frac{2}{12} = \frac{1}{6}$ <i>(Red arrows point from 2 to 12 and 4 to 6)</i>	
4. $\frac{3}{4} \times \frac{4}{5}$	$\frac{3 \times 4}{4 \times 5} = \frac{12}{20} = \frac{3}{5}$ <i>(Red arrows point from 4 to 20 and 3 to 12)</i>	



Quick Check - Form F

Name _____ Date _____

Learning Target: I will multiply fractions.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

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

2.

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

3.

$$\frac{8}{9} \times \frac{2}{5} = \underline{\hspace{2cm}}$$

4.

$$\frac{2}{9} \times \frac{3}{4} = \underline{\hspace{2cm}}$$

5.

$$\frac{3}{10} \times \frac{6}{7} = \underline{\hspace{2cm}}$$

6.

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

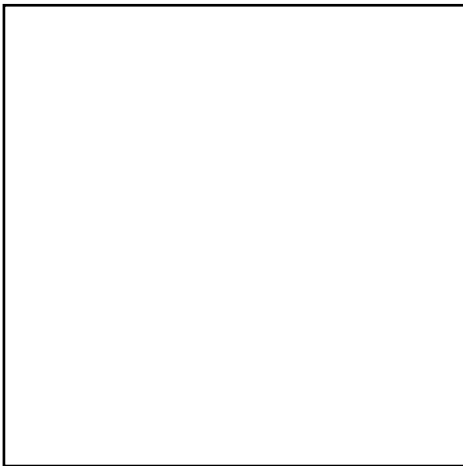
Learning Target: I will multiply fractions

Session 7: Guided Practice (We Do)

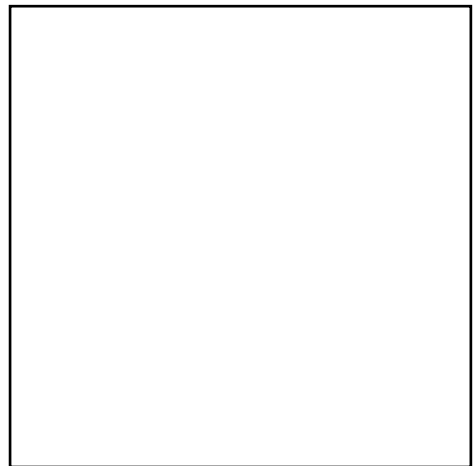
We Do Together: (Teacher Actions)

- Restate each fraction multiplication problem based on your conceptual understanding.
Example: 1 third of 3 fourths is equal to what part of the whole?
- Multiply to find the size of each part and number of parts.
- Sketch the multiplication problem to check your answer.

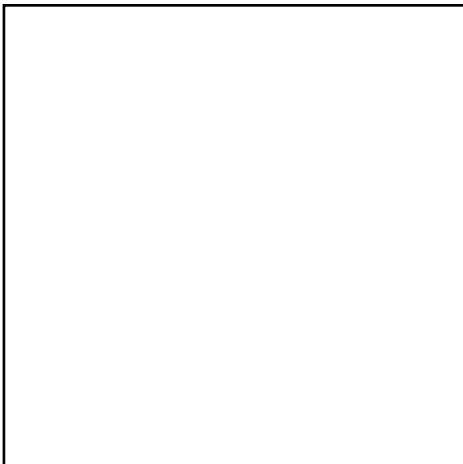
1. $\frac{1}{3} \times \frac{3}{5} =$ _____



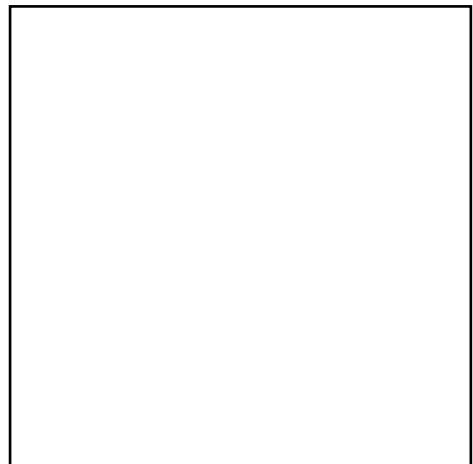
2. $\frac{1}{2} \times \frac{1}{4} =$ _____



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



4. $\frac{1}{3} \times \frac{5}{8} =$ _____



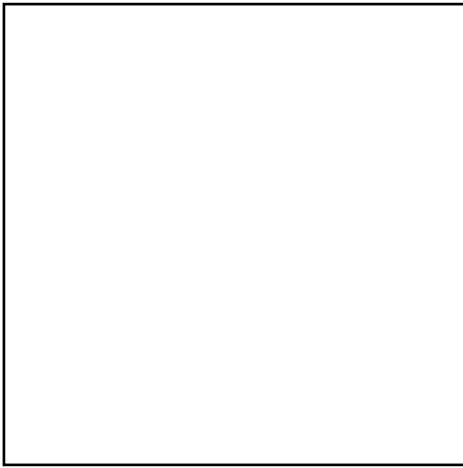
Learning Target: I will multiply fractions

Session 7: Guided Practice (We Do Continued)

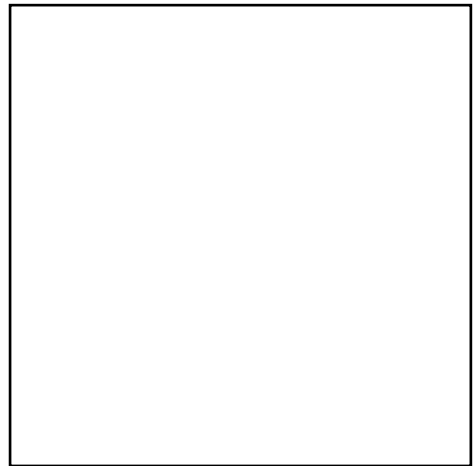
You Do Together: (As a class, or in small groups)

- Students take turns leading to restating each fraction multiplication problem. Then, multiply the fractions and sketch the problem to check your answer.

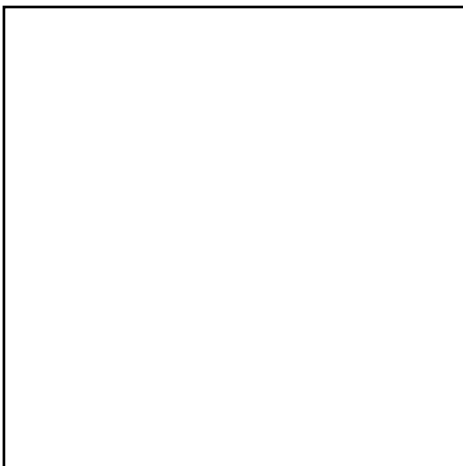
5. $\frac{3}{4} \times \frac{2}{3} =$ _____



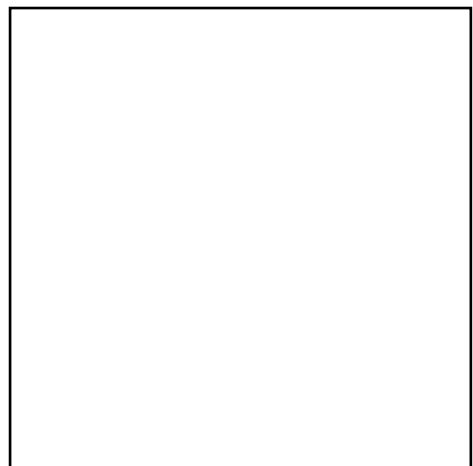
6. $\frac{1}{2} \times \frac{4}{5} =$ _____



7. $\frac{1}{4} \times \frac{5}{6} =$ _____



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





Quick Check - Form G

Name _____ Date _____

Learning Target: I will multiply fractions.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

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

2.

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

3.

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

4.

$$\frac{3}{10} \times \frac{5}{6} = \underline{\hspace{2cm}}$$

5.

$$\frac{6}{7} \times \frac{3}{8} = \underline{\hspace{2cm}}$$

6.

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

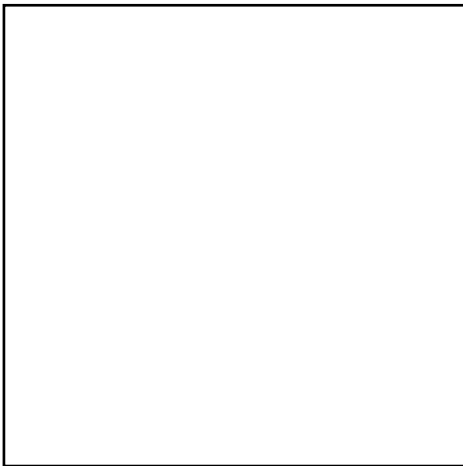
Learning Target: I will multiply fractions

Session 8: Guided Practice (We Do)

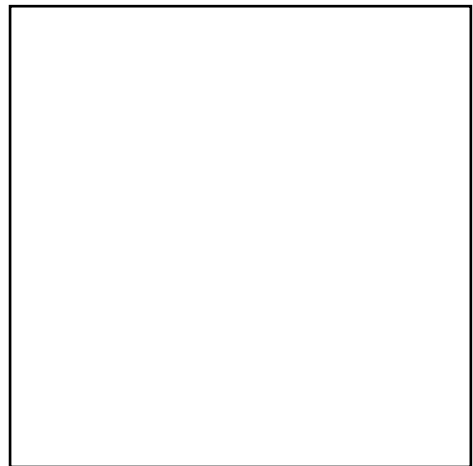
We Do Together: (Teacher Actions)

- Restate each fraction multiplication problem based on your conceptual understanding.
Example: 1 third of 3 fourths is equal to what part of the whole?
- Multiply to find the size of each part and number of parts.
- Sketch the multiplication problem to check your answer.

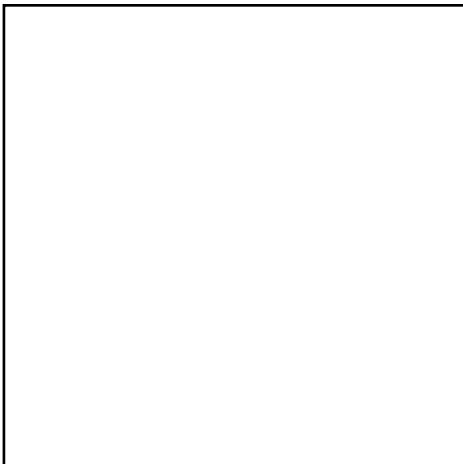
1. $\frac{1}{2} \times \frac{3}{5} =$ _____



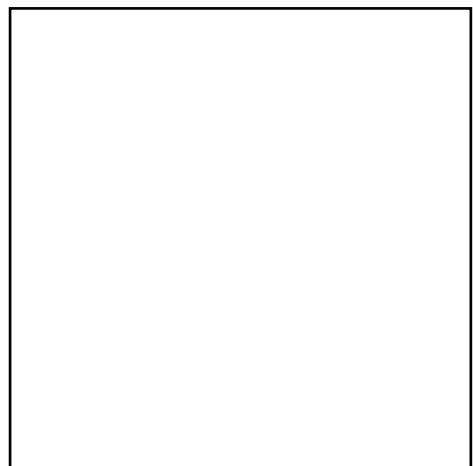
2. $\frac{1}{3} \times \frac{3}{4} =$ _____



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



4. $\frac{2}{3} \times \frac{5}{8} =$ _____



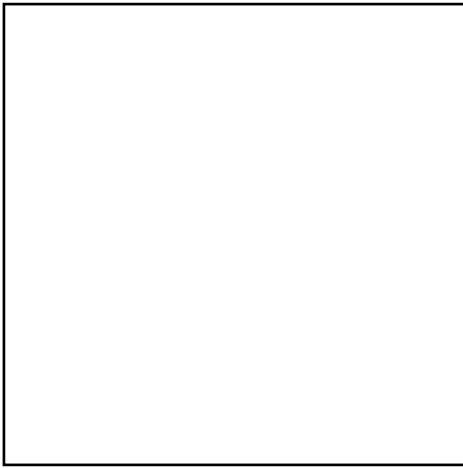
Learning Target: I will multiply fractions

Session 8: Guided Practice (We Do Continued)

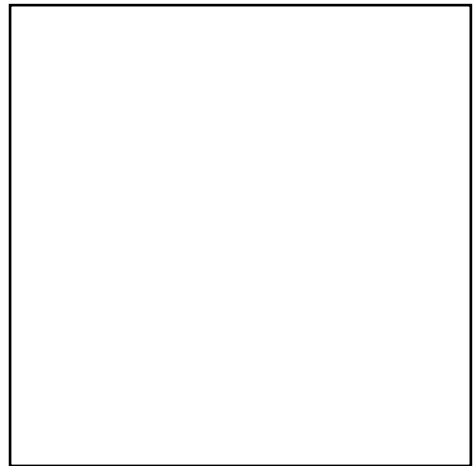
You Do Together: (As a class, or in small groups)

- Students take turns leading to restating each fraction multiplication problem. Then, multiply the fractions and sketch the problem to check your answer.

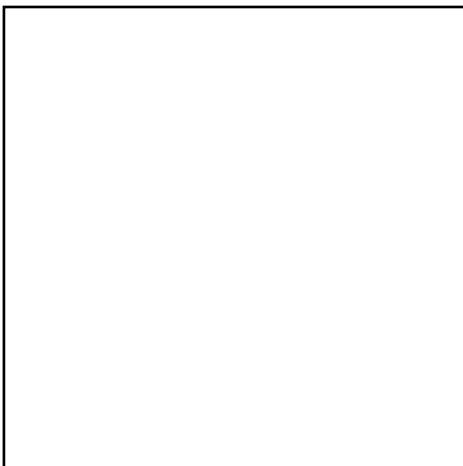
5. $\frac{1}{4} \times \frac{2}{3} =$ _____



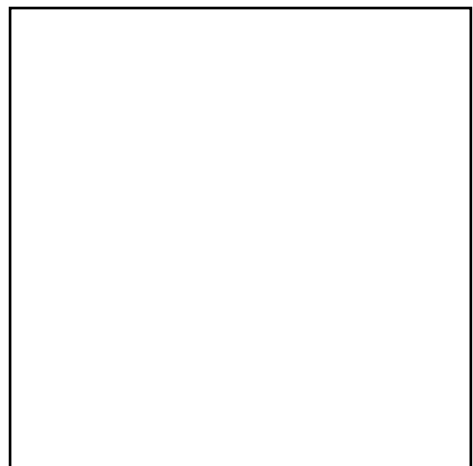
6. $\frac{1}{3} \times \frac{4}{5} =$ _____



7. $\frac{3}{4} \times \frac{5}{6} =$ _____



8. $\frac{2}{4} \times \frac{3}{8} =$ _____





Quick Check - Form H

Name _____ Date _____

Learning Target: I will multiply fractions.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

$$\frac{1}{4} \times \frac{3}{5} = \underline{\hspace{2cm}}$$

2.

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

3.

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

4.

$$\frac{7}{10} \times \frac{3}{4} = \underline{\hspace{2cm}}$$

5.

$$\frac{8}{9} \times \frac{2}{4} = \underline{\hspace{2cm}}$$

6.

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