



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

**Learning Target:** I will multiply multi-digit numbers

## Session 1: Guided Practice (We Do)

**Materials:**

- Base-Ten Blocks (1 hundred, 20 tens and 20 ones)
- Place-value Cards (2 sets)
- Multiplication Mat

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

- Say the multiplication problem.
- Use base-ten blocks and place-value cards to help you multiply the numbers and write the answer.

1. $2 \times 16$	2. $6 \times 12$
3. $12 \times 16$	4. $11 \times 17$

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

- Students take turns leading and repeat the steps to multiply the numbers.

5. $7 \times 13$	6. $3 \times 17$
7. $13 \times 17$	8. $12 \times 15$



# Quick Check - Form A

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

**Learning Target:** I will multiply multi-digit numbers.

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

**1.**

$$\begin{array}{r} 396 \\ \times 4 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 2581 \\ \times 6 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 46 \\ \times 13 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 28 \\ \times 35 \\ \hline \end{array}$$

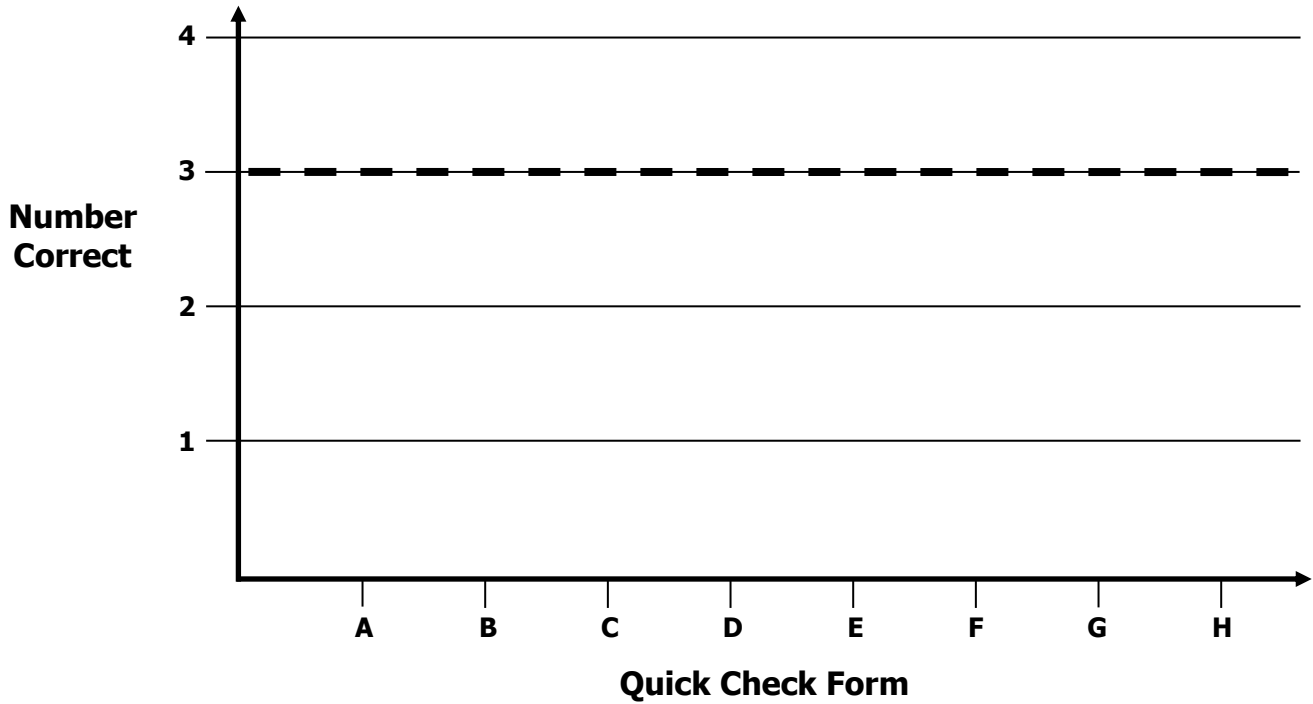


# Growth Chart

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

**Learning Target:** I will multiply multi-digit numbers.

**Goal:** 3 out of 4 correct



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



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

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## Session 2: Guided Practice (We Do)

**Materials:**

- Base-Ten Blocks (1 hundred, 20 tens and 20 ones)
- Place-value Cards (2 sets – See Session 1)
- Multiplication Mat

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

- Say the multiplication problem.
- Use base-ten blocks and place-value cards to help you multiply the numbers and write the answer.

1. $3 \times 14$	2. $4 \times 13$
3. $13 \times 14$	4. $12 \times 18$

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

- Students take turns leading and repeat the steps to multiply the numbers.

5. $6 \times 12$	6. $2 \times 16$
7. $12 \times 17$	8. $13 \times 16$



# Quick Check - Form B

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

**Learning Target:** I will multiply multi-digit numbers.

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

**1.**

$$\begin{array}{r} 427 \\ \times 3 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 3126 \\ \times 7 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 57 \\ \times 14 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 39 \\ \times 24 \\ \hline \end{array}$$



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

Learning Target: I will multiply multi-digit numbers

## Session 3: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say the multiplication problem.
- Use an area model drawing to help you multiply the numbers.

1.

$$\begin{array}{r} 284 \\ \times 7 \\ \hline \end{array}$$

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2.

$$\begin{array}{r} 1527 \\ \times 4 \\ \hline \end{array}$$

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3.

$$\begin{array}{r} 84 \\ \times 23 \\ \hline \end{array}$$




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

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

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

- Students take turns leading to multiply multi-digit numbers.

4.

$$\begin{array}{r} 375 \\ \times 6 \\ \hline \end{array}$$

--	--	--

5.

$$\begin{array}{r} 1639 \\ \times 5 \\ \hline \end{array}$$

--	--	--	--

6.

$$\begin{array}{r} 68 \\ \times 37 \\ \hline \end{array}$$


Learning Target: I will multiply multi-digit numbers

## Session 3: Guided Practice *(We Do – Teacher Notes)*

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

- Say the multiplication problem.
- Use an area model drawing to help you multiply the numbers.

1.

$$\begin{array}{r}
 284 \\
 \times 7 \\
 \hline
 1400 \\
 560 \\
 + 28 \\
 \hline
 1988
 \end{array}$$

	200	+	80	+	4
7	7 x 200 1400		7 x 80 560		7 x 4 28

2.

$$\begin{array}{r}
 1527 \\
 \times 4 \\
 \hline
 4000 \\
 2000 \\
 80 \\
 + 28 \\
 \hline
 6,108
 \end{array}$$

	1000	+	500	+	20	+	7
4	4 x 1000 4000		4 x 500 2000		4 x 20 80		4 x 7 28

3.

$$\begin{array}{r}
 84 \\
 \times 23 \\
 \hline
 1600 \\
 240 \\
 80 \\
 + 12 \\
 \hline
 1,932
 \end{array}$$

	80	+	4
20	20 x 80 1600		20 x 4 80
+			
3	3 x 80 240		3 x 4 12





# Quick Check - Form C

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

**Learning Target:** I will multiply multi-digit numbers.

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

**1.**

$$\begin{array}{r} 582 \\ \times 7 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 2875 \\ \times 6 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 85 \\ \times 13 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 46 \\ \times 32 \\ \hline \end{array}$$



Name \_\_\_\_\_

Date \_\_\_\_\_

**Learning Target:** I will multiply multi-digit numbers

## Session 4: Guided Practice (We Do)

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

- Say the multiplication problem.
- Use an area model drawing to help you multiply the numbers.

1.

$$\begin{array}{r} 296 \\ \times 7 \\ \hline \end{array}$$

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2.

$$\begin{array}{r} 1638 \\ \times 3 \\ \hline \end{array}$$

--	--	--	--

3.

$$\begin{array}{r} 79 \\ \times 46 \\ \hline \end{array}$$




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

Learning Target: I will multiply multi-digit numbers

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

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

- Students take turns leading to multiply multi-digit numbers.

4.

$$\begin{array}{r} 387 \\ \times 6 \\ \hline \end{array}$$

--	--	--

5.

$$\begin{array}{r} 1728 \\ \times 5 \\ \hline \end{array}$$

--	--	--	--

6.

$$\begin{array}{r} 86 \\ \times 39 \\ \hline \end{array}$$




# Quick Check - Form D

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

**Learning Target:** I will multiply multi-digit numbers.

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

**1.**

$$\begin{array}{r} 675 \\ \times 4 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 3748 \\ \times 6 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 63 \\ \times 17 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 83 \\ \times 25 \\ \hline \end{array}$$



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

**Learning Target:** I will multiply multi-digit numbers

## Session 5: Guided Practice (We Do)

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

- Say the multiplication problem.
- Use an area model drawing to help you multiply the numbers.

1.

$$\begin{array}{r} 379 \\ \times 6 \\ \hline \end{array}$$

--	--	--

2.

$$\begin{array}{r} 2896 \\ \times 3 \\ \hline \end{array}$$

--	--	--	--

3.

$$\begin{array}{r} 68 \\ \times 37 \\ \hline \end{array}$$




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

Learning Target: I will multiply multi-digit numbers

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

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

- Students take turns leading to multiply multi-digit numbers.

4.

$$\begin{array}{r} 376 \\ \times 8 \\ \hline \end{array}$$

--	--	--

5.

$$\begin{array}{r} 1937 \\ \times 9 \\ \hline \end{array}$$

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6.

$$\begin{array}{r} 96 \\ \times 47 \\ \hline \end{array}$$




# Quick Check - Form E

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

**Learning Target:** I will multiply multi-digit numbers.

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

**1.**

$$\begin{array}{r} 396 \\ \times 4 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 2581 \\ \times 6 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 46 \\ \times 13 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 28 \\ \times 35 \\ \hline \end{array}$$



Name \_\_\_\_\_

Date \_\_\_\_\_

**Learning Target:** I will multiply multi-digit numbers

## Session 6: Guided Practice (We Do)

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

- Say the problem and use place-value understanding to multiply the multi-digit numbers.

1.

$$\begin{array}{r} 257 \\ \times 9 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 3617 \\ \times 5 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 82 \\ \times 37 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 529 \\ \times 4 \\ \hline \end{array}$$





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

**Learning Target:** I will multiply multi-digit numbers

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

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

- Students take turns leading to multiply the multi-digit numbers.

5.

$$\begin{array}{r} 745 \\ \times \quad 8 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 4265 \\ \times \quad 3 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 28 \\ \times 64 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 295 \\ \times \quad 6 \\ \hline \end{array}$$



# Quick Check - Form F

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

**Learning Target:** I will multiply multi-digit numbers.

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

**1.**

$$\begin{array}{r} 427 \\ \times 3 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 3126 \\ \times 7 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 57 \\ \times 14 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 39 \\ \times 24 \\ \hline \end{array}$$



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

**Learning Target:** I will multiply multi-digit numbers

## Session 7: Guided Practice (We Do)

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

- Say the problem and use place-value understanding to multiply the multi-digit numbers.

1.

$$\begin{array}{r} 257 \\ \times \quad 6 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 3617 \\ \times \quad 9 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 86 \\ \times 47 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 789 \\ \times \quad 3 \\ \hline \end{array}$$



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

**Learning Target:** I will multiply multi-digit numbers

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

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

- Students take turns leading to multiply the multi-digit numbers.

5.

$$\begin{array}{r} 846 \\ \times \quad 7 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 3967 \\ \times \quad 4 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 68 \\ \times 79 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 379 \\ \times \quad 6 \\ \hline \end{array}$$



# Quick Check - Form G

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

**Learning Target:** I will multiply multi-digit numbers.

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

**1.**

$$\begin{array}{r} 582 \\ \times 7 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 2875 \\ \times 6 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 85 \\ \times 13 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 46 \\ \times 32 \\ \hline \end{array}$$



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**Learning Target:** I will multiply multi-digit numbers

## Session 8: Guided Practice (We Do)

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

- Say the problem and use place-value understanding to multiply the multi-digit numbers.

1.

$$\begin{array}{r} 364 \\ \times 8 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 6719 \\ \times 6 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 97 \\ \times 38 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 648 \\ \times 7 \\ \hline \end{array}$$



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

**Learning Target:** I will multiply multi-digit numbers

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

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

- Students take turns leading to multiply the multi-digit numbers.

5.

$$\begin{array}{r} 576 \\ \times \quad 9 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 4892 \\ \times \quad 7 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 37 \\ \times 86 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 796 \\ \times \quad 8 \\ \hline \end{array}$$



# Quick Check - Form H

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

**Learning Target:** I will multiply multi-digit numbers.

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

**1.**

$$\begin{array}{r} 675 \\ \times 4 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 3748 \\ \times 6 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 63 \\ \times 17 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 83 \\ \times 25 \\ \hline \end{array}$$