Learning Target: I will multiply multi-digit numbers.

1. Multiply:

   3 9 6
   x  4

2. Multiply:

   3, 5 7 2
   x  6
3. Multiply:

\[
\begin{array}{c}
  \text{6 4} \\
  \times \text{1 3}
\end{array}
\]
**Quick Check - Form A**  
5th Grade - Readiness Standard 1 - 4.NBT.5

Name__________________________________  Date________

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

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong> 3 9 6 x 4</td>
<td><strong>2.</strong> 2 5 8 1 x 6</td>
</tr>
<tr>
<td><strong>3.</strong> 4 6 x 1 3</td>
<td><strong>4.</strong> 2 8 x 3 5</td>
</tr>
</tbody>
</table>
Growth Chart
5th Grade - Readiness Standard 1 - 4.NBT.5

Name________________________________________ Date________

Learning Target: I will multiply multi-digit numbers.
Goal: 3 out of 4 correct

<table>
<thead>
<tr>
<th>Intervention</th>
<th>Date</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 1:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 2:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 3:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 4:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 5:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 6:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 7:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 8:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Learning Target: I will multiply multi-digit numbers

Session 2: 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.

<table>
<thead>
<tr>
<th>1.</th>
<th>2 x 16</th>
<th>2.</th>
<th>6 x 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.</td>
<td>12 x 16</td>
<td>4.</td>
<td>11 x 17</td>
</tr>
</tbody>
</table>

You Do Together: (As a class, or in small groups)
- Students take turns leading and repeat the steps to multiply the numbers.

<table>
<thead>
<tr>
<th>5.</th>
<th>7 x 13</th>
<th>6.</th>
<th>3 x 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.</td>
<td>13 x 17</td>
<td>8.</td>
<td>12 x 15</td>
</tr>
</tbody>
</table>
Quick Check - Form B
5th Grade - Readiness Standard 1 - 4.NBT.5

Name __________________________________________ Date __________

Learning Target: I will multiply multi-digit numbers.

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

1.  
   \[
   \begin{array}{c}
   427 \\
   \times 3 \\
   \end{array}
   \]

2.  
   \[
   \begin{array}{c}
   3126 \\
   \times 7 \\
   \end{array}
   \]

3.  
   \[
   \begin{array}{c}
   57 \\
   \times 14 \\
   \end{array}
   \]

4.  
   \[
   \begin{array}{c}
   39 \\
   \times 24 \\
   \end{array}
   \]
Learning Target: I will multiply multi-digit numbers

5th Grade - Readiness Standard 1 - 4.NBT.5

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. 

```
  2 8 4
  x  7
```

2. 

```
  1 5 2 7
  x  4
```

3. 

```
  8 4
  x 2 3
```

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Learning Target: I will multiply multi-digit numbers

5th Grade - Readiness Standard 1 - 4.NBT.5

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.

\[
375 \times 6
\]

5.

\[
1639 \times 5
\]

6.

\[
68 \times 37
\]
Quick Check - Form C
5th Grade - Readiness Standard 1 - 4.NBT.5

Name__________________________________  Date________

Learning Target: I will multiply multi-digit numbers.

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

1. 
\[
582 \\
\times \_7
\]

2. 
\[
2875 \\
\times \_6
\]

3. 
\[
85 \\
\times \_13
\]

4. 
\[
46 \\
\times \_32
\]
Learning Target: I will multiply multi-digit numbers

5th Grade - Readiness Standard 1 - 4.NBT.5

Session 4: Guided Practice (We Do)

We Do Together: (Teacher Actions)

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

1. 
   \[
   \begin{array}{c}
   2 \, 5 \, 7 \\
   \times \, 9 
   \end{array}
   \]

2. 
   \[
   \begin{array}{c}
   3 \, 6 \, 1 \, 7 \\
   \times \, 5 
   \end{array}
   \]

3. 
   \[
   \begin{array}{c}
   8 \, 2 \\
   \times \, 3 \, 7 
   \end{array}
   \]

4. 
   \[
   \begin{array}{c}
   5 \, 2 \, 9 \\
   \times \, 4 
   \end{array}
   \]
Learning Target: I will multiply multi-digit numbers

5th Grade - Readiness Standard 1 - 4.NBT.5

Session 4: 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.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5.</td>
<td>745</td>
<td>x</td>
<td>8</td>
</tr>
<tr>
<td>6.</td>
<td>4265</td>
<td>x</td>
<td>3</td>
</tr>
<tr>
<td>7.</td>
<td>28</td>
<td>x</td>
<td>64</td>
</tr>
<tr>
<td>8.</td>
<td>295</td>
<td>x</td>
<td>6</td>
</tr>
</tbody>
</table>
**Quick Check - Form D**  
*5th Grade - Readiness Standard 1 - 4.NBT.5*

Name__________________________________  Date________

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

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong></td>
<td><strong>2.</strong></td>
</tr>
<tr>
<td>675</td>
<td>3748</td>
</tr>
<tr>
<td>x4</td>
<td>x6</td>
</tr>
<tr>
<td><strong>3.</strong></td>
<td><strong>4.</strong></td>
</tr>
<tr>
<td>63</td>
<td>83</td>
</tr>
<tr>
<td>x17</td>
<td>x25</td>
</tr>
</tbody>
</table>
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. 
   \[
   \begin{array}{c}
   2 \ 9 \ 6 \\
   \times \ 7
   \end{array}
   \]

2. 
   \[
   \begin{array}{c}
   1 \ 6 \ 3 \ 8 \\
   \times \ 3
   \end{array}
   \]

3. 
   \[
   \begin{array}{c}
   7 \ 9 \\
   \times \ 4 \ 6
   \end{array}
   \]
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.

\[
\begin{array}{c}
387 \\
x \ 6
\end{array}
\]

5.

\[
\begin{array}{c}
1728 \\
x \ 5
\end{array}
\]

6.

\[
\begin{array}{c}
86 \\
x \ 39
\end{array}
\]
Quick Check - Form E
5th Grade - Readiness Standard 1 - 4.NBT.5

Name__________________________________  Date________

Learning Target: I will multiply multi-digit numbers.

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

1.  
   
   3 9 6
   x 4

2.  
   
   2 5 8 1
   x 6

3.  
   
   4 6
   x 1 3

4.  
   
   2 8
   x 3 5
Session 6: 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. 

\[
\begin{array}{c}
379 \\
\times 6
\end{array}
\]

2. 

\[
\begin{array}{c}
2896 \\
\times 3
\end{array}
\]

3. 

\[
\begin{array}{c}
68 \\
\times 37
\end{array}
\]
Session 6: 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.

\[ 376 \times 8 \]

5.

\[ 1937 \times 9 \]

6.

\[ 96 \times 47 \]
Quick Check - Form F
5th Grade - Readiness Standard 1 - 4.NBT.5

Name__________________________________ Date________

Learning Target: I will multiply multi-digit numbers.

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

1.  
   \[ 427 \times 3 \]

2.  
   \[ 3126 \times 7 \]

3.  
   \[ 57 \times 14 \]

4.  
   \[ 39 \times 24 \]
**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.

<table>
<thead>
<tr>
<th>1.</th>
<th>2.</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ \begin{array}{c} 257 \ \times 6 \end{array} ]</td>
<td>[ \begin{array}{c} 3617 \ \times 9 \end{array} ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.</th>
<th>4.</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ \begin{array}{c} 86 \ \times 47 \end{array} ]</td>
<td>[ \begin{array}{c} 789 \ \times 3 \end{array} ]</td>
</tr>
</tbody>
</table>
Name _______________________________ Date __________

Learning Target: I will multiply multi-digit numbers 5th Grade - Readiness Standard 1 - 4.NBT.5

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.  
\[
\begin{array}{cc}
8 & 4 & 6 \\
x & & 7 \\
\end{array}
\]

6.  
\[
\begin{array}{cc}
3 & 9 & 6 & 7 \\
x & & & 4 \\
\end{array}
\]

7.  
\[
\begin{array}{cc}
6 & 8 \\
x & 7 & 9 \\
\end{array}
\]

8.  
\[
\begin{array}{cc}
3 & 7 & 9 \\
x & 6 \\
\end{array}
\]
Quick Check - Form G
5th Grade - Readiness Standard 1 - 4.NBT.5

Name__________________________________  Date________

Learning Target: I will multiply multi-digit numbers.

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong></td>
<td><strong>2.</strong></td>
</tr>
<tr>
<td>5 8 2</td>
<td>2 8 7 5</td>
</tr>
<tr>
<td>x  7</td>
<td>x  6</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3.</strong></td>
<td><strong>4.</strong></td>
</tr>
<tr>
<td>8 5</td>
<td>4 6</td>
</tr>
<tr>
<td>x 1 3</td>
<td>x 3 2</td>
</tr>
</tbody>
</table>

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

5th Grade - Readiness Standard 1 - 4.NBT.5

### 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.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>2.</td>
</tr>
<tr>
<td>3 6 4</td>
<td>6 7 1 9</td>
</tr>
<tr>
<td>x 8</td>
<td>x 6</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>4.</td>
</tr>
<tr>
<td>9 7</td>
<td>6 4 8</td>
</tr>
<tr>
<td>x 3 8</td>
<td>x 7</td>
</tr>
</tbody>
</table>
Learning Target: I will multiply multi-digit numbers

5th Grade - Readiness Standard 1 - 4.NBT.5

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.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5.</td>
<td>6.</td>
</tr>
<tr>
<td>576</td>
<td>4892</td>
</tr>
<tr>
<td>x 9</td>
<td>x 7</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7.</td>
<td>8.</td>
</tr>
<tr>
<td>37</td>
<td>796</td>
</tr>
<tr>
<td>x 86</td>
<td>x 8</td>
</tr>
</tbody>
</table>
Quick Check - Form H
5th Grade - Readiness Standard 1 - 4.NBT.5

Name__________________________________  Date________

Learning Target: I will multiply multi-digit numbers.

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

1. 
   \[
   \begin{array}{c}
   675 \\
   \times 4
   \end{array}
   \]

2. 
   \[
   \begin{array}{c}
   3748 \\
   \times 6
   \end{array}
   \]

3. 
   \[
   \begin{array}{c}
   63 \\
   \times 17
   \end{array}
   \]

4. 
   \[
   \begin{array}{c}
   83 \\
   \times 25
   \end{array}
   \]