

Name _____ Date _____

Multidigit Addition Practice

Solve each of the following addition problems using two different strategies. Compare answers. Circle the strategy you like best for each problem.

Part 1

One Strategy	Choose Another Strategy
<p>1. A. Use expanded form to solve $243 + 321$:</p> $243 = \underline{\quad} + \underline{\quad} + \underline{\quad}$ $321 = \underline{\quad} + \underline{\quad} + \underline{\quad}$ $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$	B.
<p>2. A. Use all-partials:</p> $\begin{array}{r} 124 \\ + 267 \\ \hline \square \\ \square \\ \square \\ \square \end{array}$	B.
<p>3. A. Use the compact method:</p> $\begin{array}{r} 321 \\ + 195 \\ \hline \end{array}$	B.

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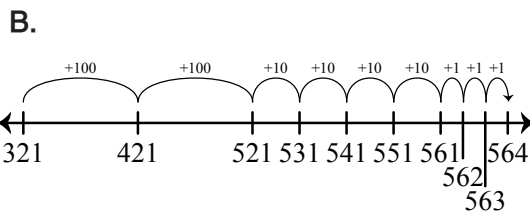
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Multidigit Addition Practice (SAB pp. 765–766)

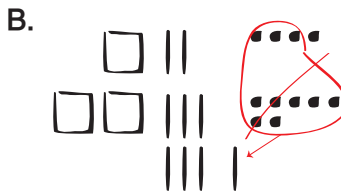
Questions 1–6

1. A. $243 = 200 + 40 + 3$
 $321 = 300 + 20 + 1$
 $500 + 60 + 4 = 564$

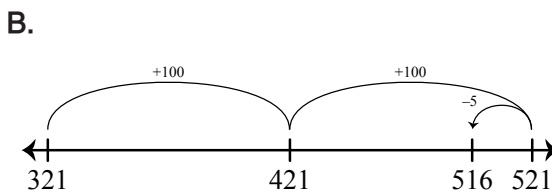


2. A. 124
 $+ 267$

11
80
300
391



3. A. 321
 $+ 195$
 516



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Answer Key • Lesson 6: Workshop: Multidigit Addition and Subtraction

4. A.
$$\begin{array}{r} 597 = 500 + 90 + 7 \\ + 641 = 600 + 40 + 1 \\ \hline 1100 + 130 + 8 = 1238 \end{array}$$

B.
$$\begin{array}{r} 597 + 3 + 638 \\ = 600 + 638 \\ = 1238 \end{array}$$

5. A.
$$\begin{array}{r} 726 \\ + 455 \\ \hline 1181 \end{array}$$

B.
$$\begin{array}{r} 726 \\ + 455 \\ \hline 1181 \end{array}$$

6. A.
$$\begin{array}{r} 948 \\ + 823 \\ \hline 1771 \end{array}$$

B.
$$\begin{array}{r} 948 = 900 + 40 + 8 \\ + 823 = 800 + 20 + 3 \\ \hline 1700 + 60 + 11 = 1771 \end{array}$$

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Part 2

One Strategy	Choose Another Strategy
<p>4. A. Use expanded form to solve $597 + 641$:</p>	<p>B.</p>
<p>5. A. Use all-partials:</p> $\begin{array}{r} 726 \\ + 455 \\ \hline \end{array}$	<p>B.</p>
<p>6. A. Use the compact method:</p> $\begin{array}{r} 948 \\ + 823 \\ \hline \end{array}$	<p>B.</p>

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Multidigit Subtraction Practice

Solve each of the following subtraction problems using two different strategies. Compare answers. Circle the strategy you like best for each problem.

Part 1

One Strategy	Choose Another Strategy
<p>1. A. Use expanded form to solve $352 - 241$:</p> $352 = \underline{\quad} + \underline{\quad} + \underline{\quad}$ $241 = \underline{\quad} + \underline{\quad} + \underline{\quad}$ $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$	B.
<p>2. A. Use mental math to solve $400 - 197$:</p> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 10px auto;"></div>	B.
<p>3. A. Use the compact method:</p> $\begin{array}{r} 362 \\ - 236 \\ \hline \end{array}$	B.

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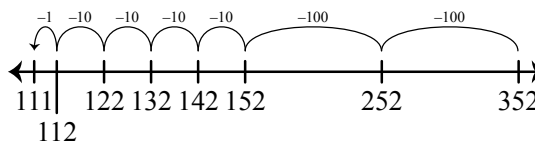
Multidigit Subtraction Practice

(SAB pp. 773–774)

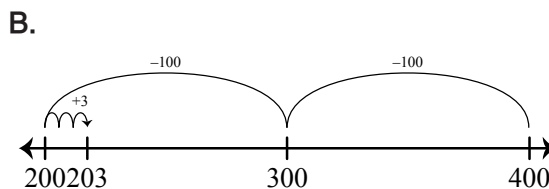
Questions 1–6

1. A. $352 = \underline{300} + \underline{50} + \underline{2}$
 $241 = \underline{200} + \underline{40} + \underline{1}$
 $\underline{100} + \underline{10} + \underline{1} = \underline{111}$

B. Strategies will vary. Possible responses are shown.



2. A.
$$\begin{array}{r} 400 - 1 \\ - 197 - 1 \\ \hline \end{array} \quad \begin{array}{r} 399 \\ - 196 \\ \hline 203 \end{array}$$



3. A.
$$\begin{array}{r} ^5 ^{12} \\ 362 \\ - 236 \\ \hline 126 \end{array}$$

B.
$$\begin{array}{r} 362 \\ - 236 + 4 \\ \hline \end{array} \quad \begin{array}{r} 362 \\ - 240 \\ \hline 122 + 4 = 126 \end{array}$$

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Answer Key • Lesson 6: Workshop: Multidigit Addition and Subtraction

4. A.

$$872 = 800 + 70 + 2 = 800 + 60 + 12$$

$$436 = 400 + 30 + 6 = 400 + 30 + 6$$

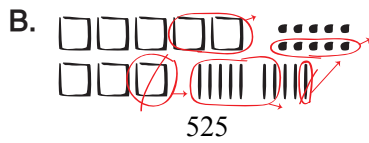
$$400 + 30 + 6 = 436$$

B.

$$\begin{array}{r} 872 \\ -436 \\ \hline 436 \end{array}$$

5. A.

$$\begin{array}{r} 800 - 1 \\ -275 - 1 \\ \hline 525 \end{array} \quad \begin{array}{r} 799 \\ -274 \\ \hline 525 \end{array}$$



6. A.

$$\begin{array}{r} 710 \\ -538 \\ \hline 172 \end{array}$$

B.

$$700 + 10 + 0 = 700 + 0 + 10 = 600 + 100 + 10$$

$$500 + 30 + 8 = 500 + 30 + 8 = 500 + 30 + 8$$

$$100 + 70 + 2 = 172$$

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Part 2

One Strategy	Choose Another Strategy
<p>4. A. Use expanded form to solve $872 - 436$:</p>	<p>B.</p>
<p>5. A. Use mental math to solve $800 - 275$:</p> <div style="border: 1px solid black; border-radius: 15px; width: 100%; height: 100%; margin: 10px 0;"></div>	<p>B.</p>
<p>6. A. Use the compact method:</p> $\begin{array}{r} 710 \\ -538 \\ \hline \end{array}$	<p>B.</p>

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