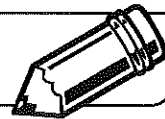


LESSON
2·2**Modeling with Base-10 Blocks****Example:**

	100s	10s	1s
	2	3	1
+	3	4	5
Add 100s	5	0	0
Add 10s		7	0
Add 1s			6
	5	7	6

	100s	10s	1s
+			
	500	+ 70	+ 6

Work with a partner. Choose a problem below. Use the base-10 blocks to model the problem. Have your partner solve the problem and record the answer using the partial-sums method. Compare your model with your partner's solution. Reverse roles and continue until all problems are solved.

1.
$$\begin{array}{r} 456 \\ + 53 \\ \hline \end{array}$$

Add 100s _____

Add 10s _____

Add 1s _____

2.
$$\begin{array}{r} 764 \\ + 208 \\ \hline \end{array}$$

Add 100s _____

Add 10s _____

Add 1s _____

3.
$$\begin{array}{r} 271 \\ + 653 \\ \hline \end{array}$$

Add 100s _____

Add 10s _____

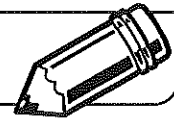
Add 1s _____

4.
$$\begin{array}{r} 521 \\ + 455 \\ \hline \end{array}$$

Add 100s _____

Add 10s _____

Add 1s _____

LESSON
2·2**Place-Value Strategies**

Use your favorite addition algorithm to solve the first problem in each column. Then use the answer to the first problem in each column to help you solve the remaining problems.

1.

$$\begin{array}{r} 3,058 \\ + 2,182 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 7,401 \\ + 2,659 \\ \hline \end{array}$$

a.

$$\begin{array}{r} 3,058 \\ + 2,282 \\ \hline \end{array}$$

a.

$$\begin{array}{r} 7,401 \\ + 2,679 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 3,058 \\ + 2,082 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 7,401 \\ + 2,669 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 3,058 \\ + 2,582 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 7,401 \\ + 2,689 \\ \hline \end{array}$$

d.

$$\begin{array}{r} 3,058 \\ + 2,181 \\ \hline \end{array}$$

d.

$$\begin{array}{r} 7,401 \\ + 2,699 \\ \hline \end{array}$$

3. Explain the strategy you used to solve the problem sets above.
