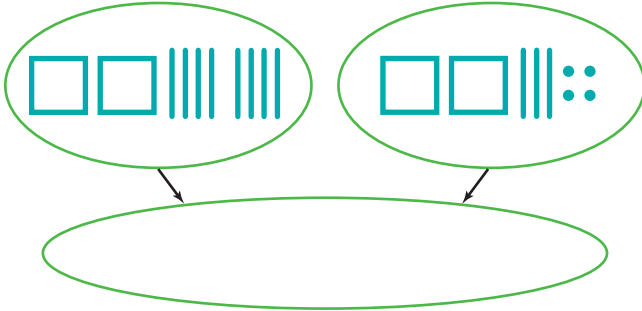


Estimate and Adjust to Find Sums

NCTM Standards 1, 2, 6, 7, 8, 9, 10

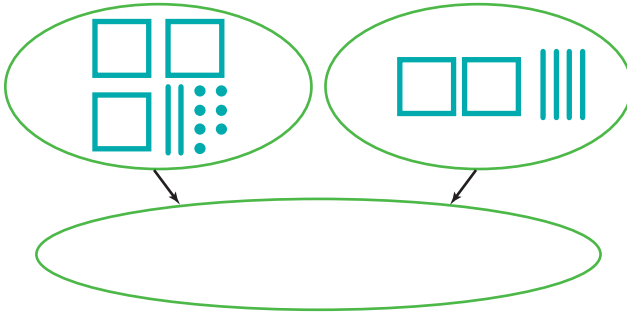
Show each sum with the fewest blocks. Then complete the number sentence.

1



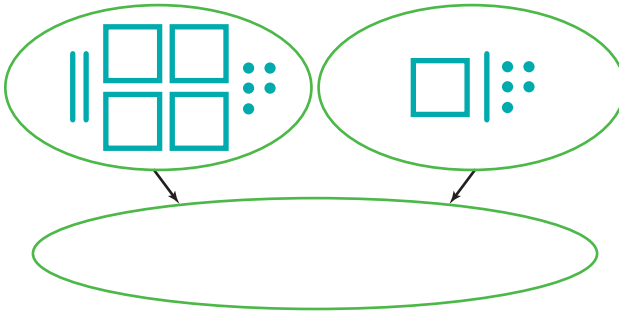
$$\begin{array}{r} 280 \\ + 234 \\ \hline \square \end{array}$$

2



$$\begin{array}{r} 327 \\ + 240 \\ \hline \square \end{array}$$

3



$$\begin{array}{r} 425 \\ + 115 \\ \hline \square \end{array}$$



4 How did drawing the picture in Problem 3 help you to complete the number sentence?

Write only the hundreds digit for each sum.

5

A

$$\begin{array}{r} 366 \\ + 442 \\ \hline \end{array}$$

Write only the tens digit for each sum.

B

$$\begin{array}{r} 366 \\ + 442 \\ \hline \end{array}$$

Write only the ones digit for each sum.

C

$$\begin{array}{r} 366 \\ + 442 \\ \hline \end{array}$$

6

A

$$\begin{array}{r} 437 \\ + 245 \\ \hline \end{array}$$

B

$$\begin{array}{r} 437 \\ + 245 \\ \hline \end{array}$$

C

$$\begin{array}{r} 437 \\ + 245 \\ \hline \end{array}$$

7

A

$$\begin{array}{r} 186 \\ + 345 \\ \hline \end{array}$$

B

$$\begin{array}{r} 186 \\ + 345 \\ \hline \end{array}$$

C

$$\begin{array}{r} 186 \\ + 345 \\ \hline \end{array}$$

Find the sum.

8

$$\begin{array}{r} 366 \\ + 442 \\ \hline \square \end{array}$$

9

$$\begin{array}{r} 437 \\ + 245 \\ \hline \square \end{array}$$

10

$$\begin{array}{r} 186 \\ + 345 \\ \hline \square \end{array}$$

11 Challenge Find the missing addend.

$$\begin{array}{r} \square \\ + 119 \\ \hline 143 \end{array}$$

$$\begin{array}{r} 134 \\ + \square \\ \hline 162 \end{array}$$