



Additional Practice 2-4

Add Greater Numbers

Another Look!



You can add two or more numbers when you line up the numbers by place value. Add one place at a time.

Find $3,456 + 2,139 + 5,547$.

Estimate: $3,000 + 2,000 + 6,000 = 11,000$

Step 1

Line up the numbers by place value.

Add the ones.

Regroup if needed.

$$\begin{array}{r} 2 \\ 3,456 \\ 2,139 \\ +5,547 \\ \hline 2 \end{array}$$

Regroup 22 ones as 2 tens and 2 ones.

Step 2

Add the tens and hundreds.

Regroup if needed.

$$\begin{array}{r} 1 \quad 12 \\ 3,456 \\ 2,139 \\ +5,547 \\ \hline 142 \end{array}$$

Keep digits in columns as you add.

Step 3

Add the thousands.

Regroup for ten thousands if necessary.

$$\begin{array}{r} 1 \quad 12 \\ 3,456 \\ 2,139 \\ +5,547 \\ \hline 11,142 \end{array}$$

11,142 is reasonable because it is close to the estimate of 11,000.

For 1–8, estimate, and then find each sum.

To check if your answer is reasonable, see if it is close to your estimate.



1.
$$\begin{array}{r} 9,945 \\ + 3,343 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 12,566 \\ + 5,532 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 387,969 \\ + 562,031 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 629,979 \\ 294,116 \\ + 75,905 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 227,418 \\ 196,735 \\ + 48,062 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 82,011 \\ 96,489 \\ + 76,988 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 126,267 \\ 15,809 \\ + 8,764 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 45,101 \\ 35,099 \\ + 10,000 \\ \hline \end{array}$$



9. **Number Sense** Estimate then add to find the combined length of the four highways shown in the table. Is your answer reasonable? Explain.

Lengths of Interstate Highways	
Interstate	Length (miles)
I-90	3,102
I-10	2,460
I-70	2,153
I-80	2,899

10. Select all the correct sums.

- ☐ $6,384 + 5,649 = 11,923$
☐ $8,762 + 15,409 = 24,171$
☐ $39,719 + 27,662 = 67,381$
☐ $74,982 + 125,637 = 200,519$
☐ $117,875 + 19,794 = 137,669$

11. Find the sum.

$$\begin{array}{r} 87,462 \\ + 19,750 \\ \hline \end{array}$$

- A** 106,112
B 106,212
C 107,912
D 107,212

Assessment Practice