



## 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.

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

Regroup 22 ones as 2 tens and 2 ones.

#### Step 2

Add the tens and hundreds.

Regroup if needed.

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

Keep digits in columns as you add.

#### Step 3

Add the thousands.

Regroup for ten thousands if necessary.

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

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

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

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

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



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

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

- 10.** Highway I-10 is having an extension added on. It will then be 3,000 miles long. How long is the extension?

- 11.** A shipping company delivered 38,728 letters and 41,584 packages. How many total items did the company deliver?

- 12.** The Fatigato family has two cars. One cost \$38,295. The other car cost \$33,187. Which car cost more? Write a comparison.


- 13. Higher Order Thinking** Leona added  $206,425 + 128,579 + 314,004$ . Should Leona's sum be greater or less than 660,000? Explain.

- 14.** In one week, Katy walks 1,750 meters and runs 1,925 meters. How many meters does Katy walk and run?

## Assessment Practice

- 15.** Select all the correct sums.  4.NBT.2.4

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

- 16.** Find the sum.  4.NBT.2.4

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

- (A) 106,112
- (B) 106,212
- (C) 107,912
- (D) 107,212