

Adding Whole Numbers

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

Add $3,456 + 139 + 5,547$.

Estimate: $3,000 + 100 + 6,000 = 9,100$

Step 1

Line up numbers by place value.

Add the ones.

Regroup if needed.

$$\begin{array}{r} 2 \quad 22 \text{ becomes} \\ 3,456 \quad 2 \text{ tens and} \\ 139 \quad 2 \text{ ones.} \\ + 5,547 \\ \hline 2 \end{array}$$

Step 2

Add the tens.

Regroup if needed.

$$\begin{array}{r} 12 \\ 3,456 \\ 139 \\ + 5,547 \\ \hline 42 \end{array}$$

Keep digits in neat columns as you add.

Step 3

Add the hundreds, then the thousands.

Continue to regroup.

$$\begin{array}{r} 12 \\ 3,456 \\ 139 \\ + 5,547 \\ \hline 9,142 \end{array}$$

9,142 is close to the estimate of 9,100.

Add.

1.
$$\begin{array}{r} 945 \\ 124 \\ + 343 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 2,588 \\ 373 \\ + 866 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 12,566 \\ 8,222 \\ + 5,532 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 2,955 \\ 9,017 \\ + 248 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 16,699 \\ 3,311 \\ + 32,484 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 3,881 \\ 1,735 \\ + 364 \\ \hline \end{array}$$

7. **Number Sense** Jill added $450 + 790 + 123$ and got 1,163. Is this sum reasonable?
