

Subtracting Across Zeros

Here is how to subtract across zeros.

Find $606 - 377$.

Estimate: $600 - 400 = 200$

Step 1

$$\begin{array}{r} 606 \\ - 377 \\ \hline \end{array}$$

You cannot subtract 7 ones from 6 ones, so you must regroup.

Step 2

$$\begin{array}{r} 510 \\ \cancel{6}06 \\ - 377 \\ \hline \end{array}$$

Since there is a zero in the tens place, you must regroup using the hundreds.

Regroup 6 hundreds as 5 hundreds and 10 tens.

Step 3

$$\begin{array}{r} 9 \\ 5\cancel{1}016 \\ \cancel{6}06 \\ - 377 \\ \hline \end{array}$$

Regroup 10 tens and 6 ones as 9 tens and 16 ones.

Step 4

$$\begin{array}{r} 9 \\ 5\cancel{1}016 \\ \cancel{6}06 \\ - 377 \\ \hline 229 \end{array}$$

Subtract.

$$\begin{array}{r} 11 \\ 229 \\ + 377 \\ \hline 606 \end{array}$$

You can check your answer by using addition.

Subtract.

1.
$$\begin{array}{r} 707 \\ - 58 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 950 \\ - 47 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 800 \\ - 638 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 3,506 \\ - 866 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 4,507 \\ - 3,569 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 3,076 \\ - 1,466 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 8,106 \\ - 2,999 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 6,083 \\ - 1,492 \\ \hline \end{array}$$

9. **Reasonableness** Lexi subtracts 9,405 from 11,138. Should her answer be greater than or less than 2,000? Explain your answer.
