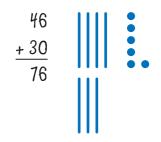# Adding and Subtracting Tens and Hundreds

When you count by tens, you say the multiples of 10.

10, 20, 30, 40, 50, 60, 70, ...

What happens when you add a multiple of 10 to a number or subtract a multiple of 10 from a number?

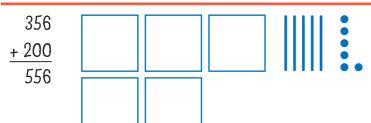Look at what these third-grade students noticed in these problems.

$$\begin{array}{r} 46 \\ + 30 \\ \hline 76 \end{array}$$

Dwayne:

46 has 4 tens. I added 30. The sum is 76, which has 7 tens because I added 3 more tens.

$$\begin{array}{r} 138 \\ - 30 \\ \hline 108 \end{array}$$

Pilar:

I start with 3 tens in the 38 part of 138. So if I subtract 3 tens, then all I have left is the 1 hundred and the 8 ones, so the answer is 108.

$$\begin{array}{r} 356 \\ + 200 \\ \hline 556 \end{array}$$

Beatriz:

356 has 3 hundreds. I added 200. The sum is 556, which has 5 hundreds because I added 2 more hundreds.

Solve these problems. Which digits change in the sums and differences?

$$\begin{array}{r} 565 \\ + 30 \end{array} \qquad \begin{array}{r} 565 \\ - 30 \end{array} \qquad \begin{array}{r} 565 \\ + 300 \end{array} \qquad \begin{array}{r} 565 \\ - 300 \end{array}$$