## Changes, Highs, and Lows

You need $\square$ a calculator (optional)
$\square 3$ sets of digit cards (0-9) a classmate

## Activity One

1. Tiere started with this number in her calculator window ...
and changed it to this by subtracting one number.


What number did Tiere subtract?

2. Change each number on the left to the number on the right by adding or subtracting one number.

(3.) Make up some change problems for a classmate to solve.

## Activity Two

Mike and Christine are playing a game of High Wins. First, they draw up the game board. Then they shuffle the three sets of digit cards and put them face down in a pack. Mike goes first and takes the top card.


Then he puts the card at the bottom of the pile.

Christine has her turn.
She gets a 2 and writes it in a square on her game board:

She puts that card at the bottom of the pile.

They keep taking turns until each player has taken 10 cards and has written in every square of their game board.
The players then add up their numbers.

The highest total wins.
Here are Mike's and Christine's numbers with one card to draw:

Mike:
2. Draw the game board squares in your book and play a game of High Wins with a classmate. Then try a game of Low Wins.

$$
\begin{aligned}
& \text { Christune: } \\
& 9 \\
& \hline
\end{aligned} \boxed{2}+3 \boxed{7} \boxed{5}+6 \boxed{2} \boxed{4} \boxed{1}=
$$

1. Discuss with a classmate who you think will win. Why?
