Unit 3, Lesson 16

Add Tenths and Hundredths Together

Let's add some tenths and hundredths.

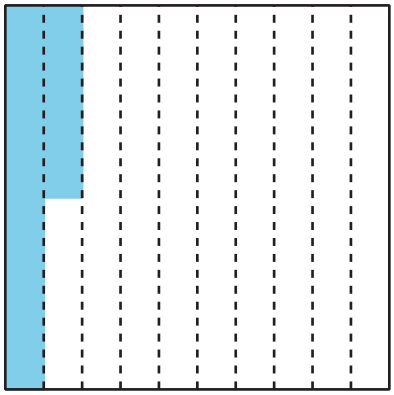
Warm-up

Notice and Wonder: Shaded Rectangles and Squares

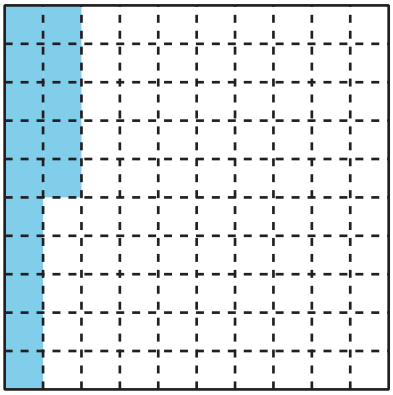
Each large square represents 1.

What do you notice? What do you wonder?

A



B



Activity 1

Tenths and Hundredths

1. Complete the table with equivalent fractions in tenths or hundredths. Write a new pair of equivalent fractions in the last row.

	tenths	hundredths
a.	$\frac{1}{10}$	
b.	$\frac{4}{10}$	
c.	$\frac{6}{10}$	
d.		$\frac{50}{100}$
e.		$\frac{90}{100}$
f.	$\frac{12}{10}$	
g.		$\frac{200}{100}$
h.	$2\frac{3}{10}$	
i.		$\frac{125}{100}$
j.		

2. Name some fractions that are:

   a. between $\frac{50}{100}$ and $\frac{60}{100}$

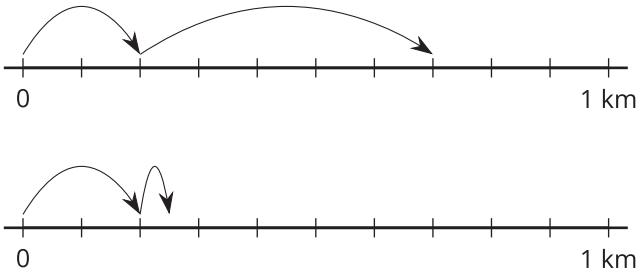
   b. between $\frac{3}{10}$ and $\frac{4}{10}$

Activity 2

Walk, Stop, and Sip

Noah walks $\frac{2}{10}$ kilometer (km), stops for a drink of water, walks $\frac{5}{100}$ kilometer, and stops for another drink.

1. Which number line diagram represents the distance Noah has walked? Explain how you know.



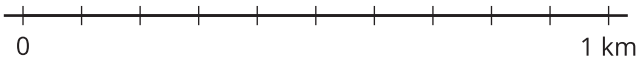
2. The diagram that you didn't choose represents Jada's walk. Write an equation to represent:

   a. the total distance Jada walked

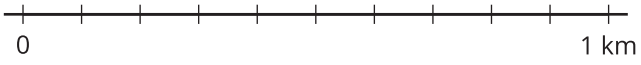
   b. the total distance Noah walked

3. Find the value of each of the following sums. Show your reasoning. Use number lines if you find them helpful.

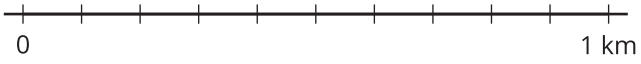
a. $\frac{5}{10} + \frac{1}{10}$



b. $\frac{50}{100} + \frac{10}{100}$



c. $\frac{5}{10} + \frac{30}{100}$



d. $\frac{15}{100} + \frac{4}{10}$

