



# Add Tenths and Hundredths Together

Let's add some tenths and hundredths.

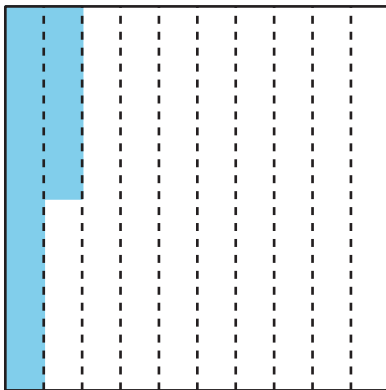
## Warm-up

### Notice and Wonder: Shaded Rectangles and Squares

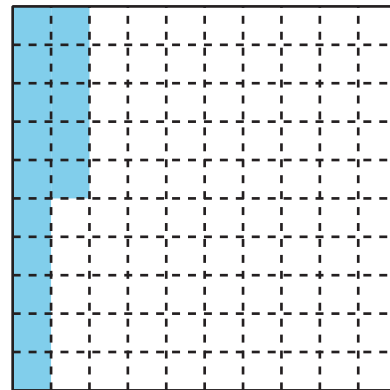
Each large square represents 1.

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  $\frac{60}{100}$

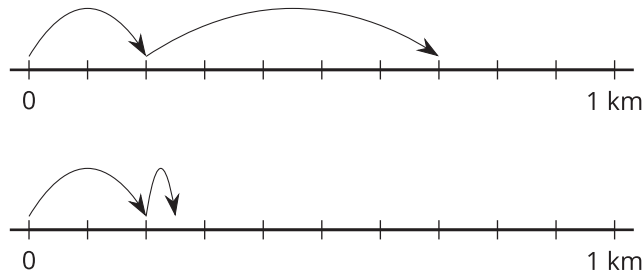
b. between  $\frac{3}{10}$  and  $\frac{4}{10}$

## 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.



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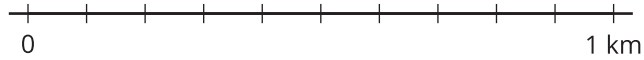
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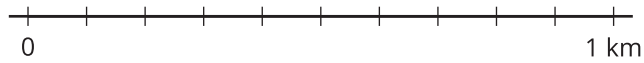
2. The diagram that you didn't choose represents Jada's walk. Write an equation to represent:
  - a. the total distance Jada walked
  - b. the total distance Noah walked

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

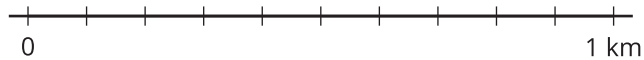
a.  $\frac{5}{10} + \frac{1}{10}$



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



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



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

