

**Learning Target:** Represent decimals in different ways.

**Success Criteria:**

- I can tell the value of the digit in each place.
- I can describe different ways to model a decimal.
- I can show multiple ways to model and write a decimal.

## Think and Grow

**Example** Draw quick sketches to show 3.17 two ways.

Quick sketches:

$$\begin{array}{l} \square = 1 \\ | = 0.1 \\ \bullet = 0.01 \end{array}$$



**Example** Show 5.21 two ways.

Ones	.	Tenths	Hundredths
5	.	2	1
5	.		

\_\_\_\_\_ ones + \_\_\_\_\_ tenths + \_\_\_\_\_ hundredth

\_\_\_\_\_ ones + \_\_\_\_\_ hundredths

## Show and Grow

1. Draw quick sketches to show 6.20 two ways.

# Practice

Name \_\_\_\_\_

2. Show 8.38 two ways.

Ones	.	Tenths	Hundredths
	.		
	.		

\_\_\_\_\_ ones + \_\_\_\_\_ tenths + \_\_\_\_\_ hundredths

\_\_\_\_\_ ones + \_\_\_\_\_ hundredths

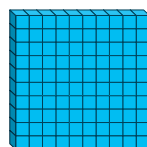
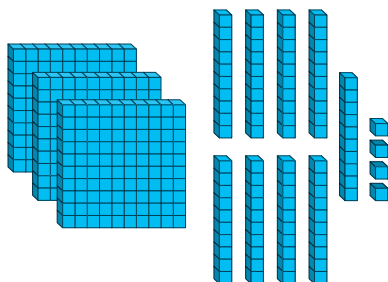
3. Show 0.95 two ways.

Ones	.	Tenths	Hundredths
	.		
	.		

\_\_\_\_\_

\_\_\_\_\_

4. **Make a Connection** Write an expression represented by the model. Then write the decimal in standard form.



1  
one



0.1  
one tenth



0.01  
one hundredth

5. **Modeling Real Life** The weight of a tufted puffin is 1.59 pounds. Show the weight of the puffin three different ways.



6. **YOU BE THE TEACHER** Your friend shows 9.22 two ways. Is your friend correct? Explain.

9 ones + 22 tenths  
92 tenths + 2 hundredths