

1.
2.

Start with expanded form. Shift 1 and 0.1.

Start with expanded form. Shift 1 and 0.1.

2.64

	.1
	.1
	.1
1	.1
X	.1

	.01
	.01
	.01
	.01
.1	.01

2
1
1

.6
1.6
1.5

.04
.04
.14

3.59

1	
1	
1	

	.1
	.1
	.1
	.1
	.1

	.01
.01	.01
.01	.01
.01	.01
.01	.01

3.
4.

Start with expanded form. Shift 1 and 0.1.

Start with expanded form. Shift 1 and 0.1.

5.82

	1
	1
	1
	1
	1

	.1
	.1
.1	.1
.1	.1
.1	.1

	.01
	.01

7.61

	1
	1
	1
1	1
1	1

	.1
	.1
	.1
	.1
.1	.1

	.01

1.

Start with expanded form. Shift 1 and 0.1.

1.52

_____	_____	_____
_____	_____	_____
_____	_____	_____

2.

Start with expanded form. Shift 1 and 0.1.

4.89

_____	_____	_____
_____	_____	_____
_____	_____	_____

3.

Start with expanded form. Shift 1 and 0.1.

7.56

_____	_____	_____
_____	_____	_____
_____	_____	_____

4.

Start with expanded form. Shift 1 and 0.1.

8.14

_____	_____	_____
_____	_____	_____
_____	_____	_____

1.

Start with expanded form. Shift 1 and 0.1.

2.14

_____	_____	_____
_____	_____	_____
_____	_____	_____

2.

Start with expanded form. Shift 1 and 0.1.

5.83

_____	_____	_____
_____	_____	_____
_____	_____	_____

3.

Start with expanded form. Shift 1 and 0.1.

6.45

_____	_____	_____
_____	_____	_____
_____	_____	_____

4.

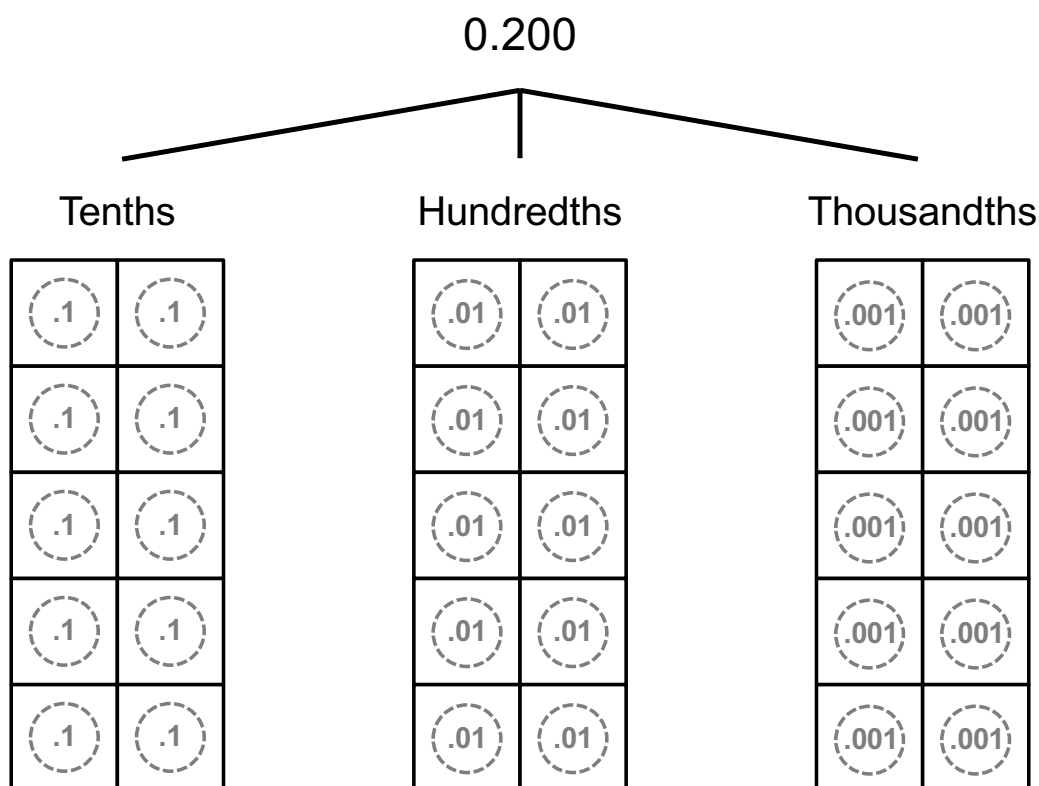
Start with expanded form. Shift 1 and 0.1.

9.31

_____	_____	_____
_____	_____	_____
_____	_____	_____

Lou and Sue are using Base 10 discs and ten frames to think flexibly about decimals. To visualize 0.200, Lou uses 2 tenth-discs since $2 \times 0.1 = 0.2$. To get ready for regrouping, Sue uses 10 times as many discs as Lou.

Outline 20 discs to show how Sue makes 0.200. Explain your thinking.



DECIMALS MATCH - C

Fill the blanks with the missing digits/numbers. Then draw lines from the decimal on the left to the numbers on the right that show its place value *after shifting ones and tenths*.

4.94

•

$\frac{\quad}{\text{ones}} + \frac{13}{\text{tenths}} + \frac{12}{\text{hundredths}}$

3.4__

•

•

$\frac{3}{\text{ones}} + \frac{18}{\text{tenths}} + \frac{14}{\text{hundredths}}$

__.63

•

•

$\frac{4}{\text{ones}} + \frac{15}{\text{tenths}} + \frac{\quad}{\text{hundredths}}$

9. __1

•

•

$\frac{1}{\text{ones}} + \frac{\quad}{\text{tenths}} + \frac{18}{\text{hundredths}}$

2.3__

•

•

$\frac{5}{\text{ones}} + \frac{17}{\text{tenths}} + \frac{\quad}{\text{hundredths}}$

__.86

•

•

$\frac{\quad}{\text{ones}} + \frac{14}{\text{tenths}} + \frac{11}{\text{hundredths}}$