

Decimals up to 2 Decimal Places

1. Circle the decimal number shown on each place value chart below.

A.

Ones	Tenths
4 purple counters	3 green counters

4.4
5.4
4.5

B.

Ones	Tenths
6 purple counters	3 green counters

3.6
6.3
6.03

2. Match the place value charts to the correct number card.

A.

Ones	Tenths	Hundredths
	3 green counters	

B.

Ones	Tenths	Hundredths
		2 yellow counters

$\frac{2}{10}$ $\frac{2}{100}$ 0.3 $\frac{3}{100}$

3. Complete each place value chart to represent the numbers below.

A. 2.7

Ones	Tenths	Hundredths

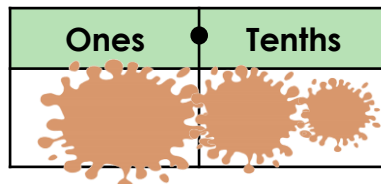
B. $\frac{4}{100}$

Ones	Tenths	Hundredths

4. Jonny has spilt a drink on his place value chart. He says,

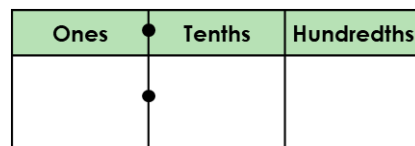


I used exactly 9 counters. There is an even number in the tenths column.



What decimal numbers could Jonny have made?

5. Kara is using the place value chart and six counters to make different numbers.



Kara says,

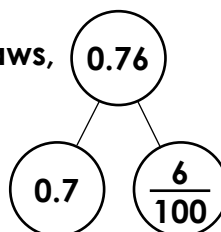


If I use all the counters, the smallest number I can make that includes 1 whole is 1.5.

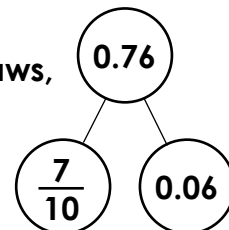
Is she correct? Explain how you know.

6. Ruth and Len are partitioning 0.76.

Ruth draws,




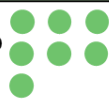
Len draws,




Is either Ruth or Len correct? Convince me.

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1. A. 4.5; B. 6.3
2. A. 0.3; B. $\frac{2}{100}$
3. A. 2.7 = 2 ones and 7 tenths; B. $\frac{4}{100}$ = 4 hundredths

Ones	Tenths	Hundredths
		

Ones	Tenths	Hundredths
		

4. 9.0; 7.2; 5.4; 3.6 and 1.8
5. Kara is incorrect as her 5 tenths could go in the hundredths column. The smallest number she can make is 1.05.
6. Both Ruth and Len are correct because 0.76 has 7 tenths and 6 hundredths.