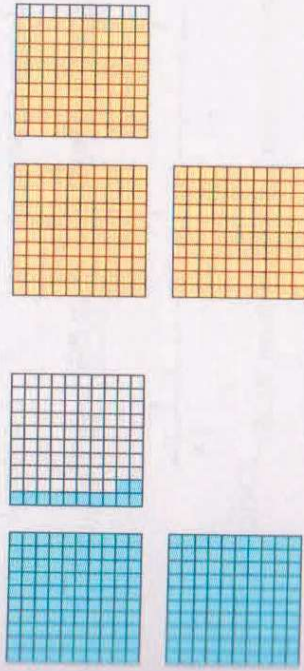


## Comparing and ordering decimals

### Let's Learn

- a) Which is greater, 2.12 or 2.9?



2.12

2.9 is greater than 2.12.  
 $2.9 > 2.12$

2.9

- b) Which is smaller, 3.48 or 3.42?

	Ones	Tenths	Hundredths
3.48	3	4	8
3.42	3	4	2

First, compare the ones.  
They are the same.

Then, compare the tenths.  
They are the same.

Lastly, compare the hundredths.  
2 hundredths is smaller than 8 hundredths.  
3.42 is smaller than 3.48.  
 $3.42 < 3.48$

- c) Compare 562.38, 562.41 and 56.97.

Align the numbers according to their place values.



	Hundreds	Tens	Ones	Tenths	Hundredths
562.38	5	6	2	3	8
562.41	5	6	2	4	1
56.97		5	6	9	7

First, compare the hundreds.  
0 hundreds is smaller than 5 hundreds.

56.97 is the smallest number.

Next, compare the tens and ones of 562.38 and 562.41.  
They are the same.

Then, compare the tenths of 562.38 and 562.41. 3 tenths is smaller than 4 tenths.

562.38 is smaller than 562.41.  
562.41 is the greatest number.

Arranging the numbers in order from the smallest, we have:

56.97, 562.38, 562.41  
(smallest)

### Let's Do

- Which is smaller, 1.68 or 2.35? 1.68
- Which is greater, 89.67 or 243.5? 243.5
- Arrange the numbers in order. Begin with the greatest.
  - 2.02, 0.2, 0.02, 2.2 2.2, 2.02, 0.2, 0.02
  - 74.5, 7.45, 7.8, 80.7 80.7, 74.5, 7.8, 7.45