

**Aim:**

- Compare and order decimals to 3 decimal places
- Round decimals to the nearest hundredth



Use Place-Value Concepts to Compare and Order Decimals

Order 0.835, 2.641, and 0.329 from least to greatest.

Ones	Tenths	Hundredths	Thousandths
0	8	3	5
2	6	4	1
0	3	2	9

First, compare the ones.

2 ones is greater than 0 ones.

$$2.641 > 0.835$$

$$2.641 > 0.329$$

So, 2.641 is the greatest.

Like comparing whole numbers, you start with the greatest place value.

Next, compare the tenths in 0.835 and 0.329.

8 tenths is greater than 3 tenths.

$$0.835 > 0.329$$

So, 0.329 is the least.

The order from least to greatest is:

0.329, 0.835, 2.641



Use Place-Value Concepts to Compare and Order Decimals

Order 0.72, 0.273, and 0.7 from greatest to least.

Ones		Tenths	Hundredths	Thousandths
0	.	7	2	
0	.	2	7	3
0	.	7		

First, compare the ones. They are the same.
Next, compare the tenths. 7 tenths is greater than 2 tenths.
So, 0.273 is the least.

Because 0.72 and 0.7 have the same tenths digit,
compare the hundredths.
2 hundredths is greater than 0 hundredths.
So, 0.72 is greater than 0.7.

The order from greatest to least is:
0.72, 0.7, 0.273

Guided Learning

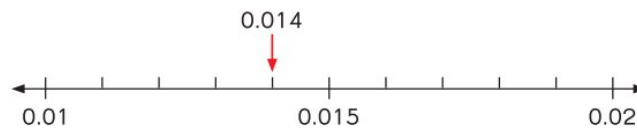


Complete the Guided Learning on pg. 19 #1-6 in your notebooks.



Round Decimals to the Nearest Hundredth

Round 0.014 to the nearest hundredth.



0.014 = 1 hundredth 4 thousandths

0.014 is between 1 hundredth (0.01) and 2 hundredths (0.02)

It is nearer to 0.01 than to 0.02.

So, 0.014 rounds to 0.01

OR

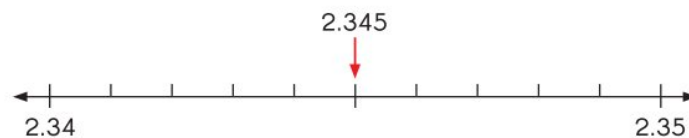
0 . 0 1 4

Rounding a decimal to the nearest hundredth is the same as rounding it to 2 decimal places.



Round Decimals to the Nearest Hundredth

Round 2.345 to the nearest hundredth.



2.345 is exactly halfway between 2.34 and 2.35, so round to the greater hundredth.

So, 2.345 rounds to 2.35.

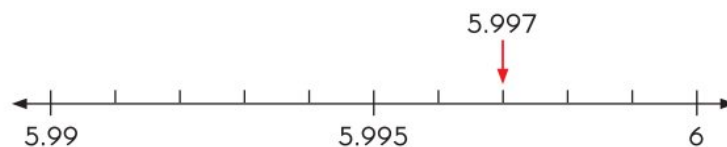
OR

2 . 3 4 5



Round Decimals to the Nearest Hundredth

Round 5.997 to the nearest hundredth.



5.997 is between 5.99 and 6.
It is nearer to 6 than to 5.99.
So, 5.997 rounds to 6.00.

OR

5 . 9 9 7

You write 6 to the nearest hundredth as 6.00.

Guided Learning



Complete the Guided Learning on pg. 21 #7-11 in your notebooks.