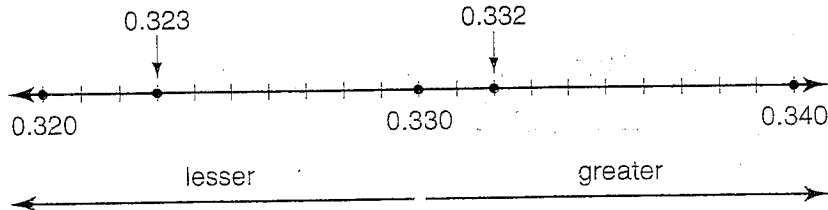


Comparing and Ordering Decimals

Use a number line

Remember, as you move to the right on a number line, the numbers are greater in value. As you move to the left, the numbers are lesser in value.

Compare 0.332 and 0.323.



Since 0.332 is to the right of 0.323, $0.332 > 0.323$.

Align the digits

Order 3.27, 4.86, 3.09, and 3.85 from least to greatest.

- Start at the left and compare digits in the same place value.
- Order the digits by place value.

Order
ones.

Order
tenths.

3.	27
3.	09
3.	85
4.	86

3.	0	9
3.	2	7
3.	8	5
4.	8	6

In order from least to greatest, the numbers are:

_____, _____, _____, _____.

Use $>$, $<$, or $=$ to compare each pair of numbers.

1. $3.030 \bigcirc 3.03$

2. $9.3226 \bigcirc 9.3262$

3. $1.39292 \bigcirc 13.9232$

4. $0.135 \bigcirc 0.0135$

Order from least to greatest.

5. 23.4 24.4 24.34

6. 16.03 16.30 16.003

7. 2.5021 2.00251 2.05021 2.00502

8. **Writing in Math** Explain why 37.75 is greater than 37.07.

Comparing and Ordering Decimals

Use $>$, $<$, or $=$ to compare each pair of numbers.

1. $656.07 \bigcirc 656.23$

2. $73.42 \bigcirc 72.56$

3. $0.01 \bigcirc 0.10$

4. $7.999 \bigcirc 7.998$

Order from least to greatest.

5. 639.087, 639.078, 638.088
- _____

6. 0.0909, 0.0989, 0.0999
- _____

7. 19.235, 19.23, 19.240, 19.2353
- _____

8. Order the lung volumes from least to greatest.
- _____
- _____

Animal (adult)	Lung Volume (in quarts)
Cat	0.328
Cow	10.565
Mouse	0.001
Whale	105.65

9. Which animal has a lung volume that is greater than a cow's?
- _____

10. Which two animals have the closest lung volume?
- _____

Test Prep

11. Which decimal is greater than 3.33 but less than 3.34?

A. 2.3349

B. 3.305

C. 3.329

D. 3.336

12. **Writing in Math** Explain how to find a number that is between 4.9 and 4.95.
- _____
- _____