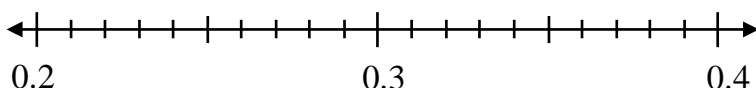


5.NBT.A.3 Compare and Order Decimals Using a Number Line

5.NBT.A.3 Read, write, and compare decimals to thousandths.

1. Use the number line provided below to compare the decimals. Write the greater number.

- a. 0.23 and 0.25
- b. 0.34 and 0.37
- c. 0.27 and 0.26
- d. 0.33 and 0.31
- e. 0.22 and 0.32
- f. 0.35 and 0.29



Solution:

- a. b. c. d. e. f.

2. Compare the given decimals below and write $<$, $>$, or $=$ for each .

- | | |
|-------------------------------------|--------------------------------------|
| a. 5.826 <input type="text"/> 5.736 | e. 17.24 <input type="text"/> 17.239 |
| b. 1.064 <input type="text"/> 1.64 | f. 2.018 <input type="text"/> 1.018 |
| c. 3.85 <input type="text"/> 3.850 | g. 9.004 <input type="text"/> 9.04 |
| d. 1.532 <input type="text"/> 1.352 | h. 5.388 <input type="text"/> 5.4 |

3. Order the decimals from least to greatest.

- | | |
|-----------------------|------------------------|
| a. 4.08, 4.8, 4.088 | e. 0.47, 0.5, 0.7 |
| b. 3.56, 3.5, 3.65 | f. 6.40, 6.79, 6.25 |
| c. 7.027, 7.7, 7.702 | g. 32.61, 33.60, 32.16 |
| d. 5.39, 5.389, 5.379 | h. 0.267, 0.27, 0.241 |

Solution:

- | | |
|----|----|
| a. | e. |
| b. | f. |
| c. | g. |
| d. | h. |

4. Lance recorded his laps for 100 meter dash. First time, he took 10.12 seconds. The second and third time took 10.20 seconds and 10.09 seconds respectively. Order Lance's running times from slowest to fastest.

Solution:

5. In a gymnastics competition, Hana scored 9.103, 9.29, 9.340, 9.404, and 9.05 as per five judges. The highest and the lowest score will be tossed out. Which of the five scores will be tossed out?

Solution:

6. Lisa, Harry, and Luz weighed 45.75 kg, 45.9 kg, and 45.18 kg respectively. Who weighed the most? Who weighed the least?

Solution:

7. Identify two numbers that are greater than 12.403 but lesser than 12.5.

Solution:

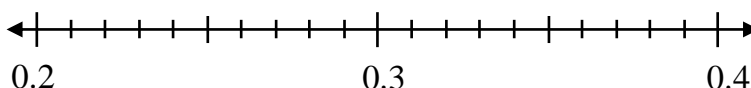
5.NBT.A.3 Compare and Order Decimals Using a Number Line

Answer Key

5.NBT.A.3 Read, write, and compare decimals to thousandths.

1. Use the number line provided below to compare the decimals. Write the greater number.

- 0.23 and 0.25
- 0.34 and 0.37
- 0.27 and 0.26
- 0.33 and 0.31
- 0.22 and 0.32
- 0.35 and 0.29



Solution:

a. **0.25** b. **0.37** c. **0.27** d. **0.33** e. **0.32** f. **0.35**

2. Compare the given decimals below and write $<$, $>$, or $=$ for each .

a. 5.826 5.736

e. 17.24 17.239

b. 1.064 1.64

f. 2.018 1.018

c. 3.85 3.850

g. 9.004 9.04

d. 1.532 1.352

h. 5.388 5.4

3. Order the decimals from least to greatest.

- 4.08, 4.8, 4.088
- 3.56, 3.5, 3.65
- 7.027, 7.7, 7.702
- 5.39, 5.389, 5.379
- 0.47, 0.5, 0.7
- 6.40, 6.79, 6.25
- 32.61, 33.60, 32.16
- 0.267, 0.27, 0.241

Solution:

- 4.08, 4.088, 4.8**
- 3.5, 3.56, 3.65**
- 7.027, 7.7, 7.702**
- 5.379, 5.389, 5.39**
- 0.47, 0.5, 0.7**
- 6.25, 6.40, 6.79**
- 32.16, 32.60, 33.61**
- 0.241, 0.267, 0.27**

4. Lance recorded his laps for 100 meter dash. First time, he took 10.12 seconds. The second and third time took 10.20 seconds and 10.09 seconds respectively. Order Lance's running times from slowest to fastest.

Solution:

10.20, 10.12, 10.09

5. In a gymnastics competition, Hana scored 9.103, 9.29, 9.340, 9.404, and 9.05 as per five judges. The highest and the lowest score will be tossed out. Which of the five scores will be tossed out?

Solution:

9.404 and 9.05

6. Lisa, Harry, and Luz weighed 45.75 kg, 45.9 kg, and 45.18 kg respectively. Who weighed the most? Who weighed the least?

Solution: **Harry; Luz**

7. Identify two numbers that are greater than 12.403 but lesser than 12.5.

Solution: **12.411, 12.412 (Many other solutions are possible)**