

5.NBT.A.3 Compare and Order Decimals

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

- Compare the decimals to find the greater decimal using the suggested method. Write the greater number.
 - Use a number line to compare 0.523 and 0.53.
 - Use an image model to compare 1.534 and 1.537.
 - Use a place value chart to compare \$4.59 and \$4.509.

Solution:

a.

b.

c.

- Order the decimals from least to greatest.

- | | |
|-----------------------|-----------------------|
| a. 4.11, 4.109, 4.111 | e. 3.47, 3.7, 3.74 |
| b. 5.16, 5.61, 5.6 | f. 6.52, 6.8, 6.519 |
| c. 0.207, 0.270, 0.26 | g. 0.61, 0.609, 0.616 |
| d. 0.139, 0.14, 1.038 | h. 2.26, 2.62, 2.291 |

Solution:

a.

e.

b.

f.

c.

g.

d.

h.

- Carlo spent \$21.41 to buy shirt from a clothing store. Max spent \$21.14 while \$21.149 to buy a shirt. Who spent most amount of money to buy a shirt? Who spent the least amount of money?

Solution:

- Three elephants weighed 3.178 tons, 3.2 tons, and 3.18 tons. Order the weight of the elephants from greatest to least.

Solution:

- Lisa collected different type of ants to conduct a study on insects for a science project. She measured the length of the ants. Her observations are in the table on your right. Use the table to solve the following problems.

Length of Various Types of Ants	
Type	Length
Fire Ant	0.078 in
Army Ant	0.35 in
Cow Ant	0.74 in
African Ant	0.098 in

- Which type of ant is the shortest?
- Which type of ant is the longest?
- Order the length of the types of ant in an ascending order.
- The combination of the length of Fire Ant and African Ant is greater than the length of Army Ant. True or False?

Solution:

a.

b.

c.

d.

5.NBT.A.3 Compare and Order Decimals

Answer Key

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

- Compare the decimals to find the greater decimal using the suggested method. Write the greater number.
 - Use a number line to compare 0.523 and 0.53.
 - Use an image model to compare 1.534 and 1.537.
 - Use a place value chart to compare \$4.59 and \$4.509.

Solution:

a. **0.53**

b. **1.537**

c. **\$4.59**

- Order the decimals from least to greatest.
 - 4.11, 4.109, 4.111
 - 5.16, 5.61, 5.6
 - 0.207, 0.270, 0.26
 - 0.139, 0.14, 1.038
 - 3.47, 3.7, 3.74
 - 6.52, 6.8, 6.519
 - 0.61, 0.609, 0.616
 - 2.26, 2.62, 2.291

Solution:

- 4.109, 4.11, 4.111**
- 5.16, 5.6, 5.61**
- 0.207, 0.26, 0.270**
- 0.139, 0.14, 1.038**
- 3.47, 3.7, 3.74**
- 6.519, 6.52, 6.8**
- 0.609, 0.61, 0.616**
- 2.26, 2.62, 2.291**

- Carlo spent \$21.41 to buy shirt from a clothing store. Max spent \$21.14 while \$21.149 to buy a shirt. Who spent most amount of money to buy a shirt? Who spent the least amount of money?

Solution: **Carlo spent the most; Max spent the least**

- Three elephants weighed 3.178 tons, 3.2 tons, and 3.18 tons. Order the weight of the elephants from greatest to least.

Solution:

3.2 tons, 3.18 tons, 3.178 tons

- Lisa collected different type of ants to conduct a study on insects for a science project. She measured the length of the ants. Her observations are in the table on your right. Use the table to solve the following problems.

Length of Various Types of Ants	
Type	Length
Fire Ant	0.078 in
Army Ant	0.35 in
Cow Ant	0.74 in
African Ant	0.098 in

- Which type of ant is the shortest?
- Which type of ant is the longest?
- Order the length of the types of ant in an ascending order.
- The combination of the length of Fire Ant and African Ant is greater than the length of Army Ant. True or False?

Solution:

- Fire Ant**
- Cow Ant**
- Fire Ant, African Ant, Army Ant, Cow Ant**
- False**