Comparing Decimals Worksheet

Number and Quantity
5.NBT.A.3

Grades 4 to 5

Comparing Decimals Worksheet | Grades 4 to 5

Name: ....

Date: ....

1 Place the following decimals in order from least to greatest.

0.5, 0.2, 0.8

Answer

2 Place the following decimals in order from least to greatest.

0.4, 0.04, 0.44, 0.404

Answer

3 Place the following decimals in order from least to greatest.

0.3, 0.9, 0.7

Answer

4 Place the following numbers in order from least to greatest.

6, 5.05, 0.5, 0.06

Answer

5 Place the following decimals in order from least to greatest.

0.2, 0.22, 0.02

Answer

6 Which symbol <, >, or = makes the following comparison true?

0.009 ___ 0.09

Answer

---

7 Which symbol <, >, or = makes the following comparison true?

0.54 ___ 0.540

Answer

---

8 Which symbol <, >, or = makes the following comparison true?

0.4 ___ 0.049

Answer

---

9 Which symbol <, >, or = makes the following comparison true?

0.8 ___ 0.800

Answer

---

10 Which symbol <, >, or = makes the following comparison true?

0.28 ___ 0.028

Answer

Applied Questions

11 A group of 5th graders kept track of the number of hours they spent working on their science project.

Student	Time (in hours)
Adam	5.5
Aviv	5
Jenny	5.17

Put the students in order from the least to greatest amount of time spent.

Answer

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12 Abril wants a cold drink to take with her to the park. She is choosing between a bottle of sparkling water that contains 502.75mL and a bottle of plain water that contains
499.793mL. It is a hot day and Abril wants to bring as much to drink as possible. Which beverage should Abril choose?

Answer

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13 Jordan is trying to decide which hike to take. The Lake Loop is 1.5 miles, Gurgling Creek is 1.25 miles and Flat Rock is 0.75 miles. If Jordan wants to take a hike that is longer than 1 mile but shorter than 1.5 miles, which hike should he take?

Answer

14 Sam is keeping track of the distances at a long jump competition. The jumper from Eastside High jumped 7.85 meters. The jumper from Temple High jumped 7.1 meters. Which school had the longer jump?

Answer

15 A candy bar costs $2.29. A bag of chips costs $1.99. If Jerica has $2.25, which item can she buy?

Answer

Answers

Question number	Question	Answers	Standard
1	Place the following decimals in order from least to greatest. 0.5, 0.2, 0.8	0.2, 0.5, 0.8	5.NBT.A.3
2	Place the following decimals in order from least to greatest. 0.4, 0.04, 0.44, 0.404	0.04, 0.4, 0.404, 0.44	5.NBT.A.3
3	Place the following decimals in order from least to greatest. 0.3, 0.9, 0.7	0.3, 0.7, 0.9	5.NBT.A.3
4	Place the following numbers in order from least to greatest. 6, 5.05, 0.5, 0.06	0.06, 0.5, 5.05, 6	5.NBT.A.3
5	Place the following decimals in order from least to greatest. 0.2, 0.22, 0.02	0.02, 0.2, 0.22	5.NBT.A.3
6	Which symbol <, >, or = makes the following comparison true? 0.009 ___ 0.09	<	5.NBT.A.3
7	Which symbol <, >, or = makes the following comparison true? 0.54 ___ 0.540	=	5.NBT.A.3
8	Which symbol <, >, or = makes the following comparison true? 0.4 ___ 0.049	>	5.NBT.A.3
9	Which symbol <, >, or = makes the following comparison true? 0.8 ___ 0.800	=	5.NBT.A.3

Comparing Decimals Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
10	Which symbol <, >, or = makes the following comparison true? 0.28 ___ 0.028	>	5.NBT.A.3
11	A group of 5th graders kept track of the number of hours they spent working on their science project. | Student	Time (in hours) | |---|---| | Adam | 5.5 | | Aviv | 5 | | Jenny | 5.17 | Put the students in order from the least to greatest amount of time spent.	Aviv, Jenny, Adam	5.NBT.A.3
12	Abril wants a cold drink to take with her to the park. She is choosing between a bottle of sparkling water that contains 502.75mL and a bottle of plain water that contains 499.793mL. It is a hot day and Abril wants to bring as much to drink as possible. Which beverage should Abril choose?	Sparkling water	5.NBT.A.3
13	Jordan is trying to decide which hike to take. The Lake Loop is 1.5 miles, Gurgling Creek is 1.25 miles and Flat Rock is 0.75 miles. If Jordan wants to take a hike that is longer than 1 mile but shorter than 1.5 miles, which hike should he take?	Gurgling Creek	5.NBT.A.3

Comparing Decimals Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
14	Sam is keeping track of the distances at a long jump competition. The jumper from Eastside High jumped 7.85 meters. The jumper from Temple High jumped 7.1 meters. Which school had the longer jump?	Eastside High	5.NBT.A.3
15	A candy bar costs $2.29. A bag of chips costs $1.99. If Jerica has $2.25, which item can she buy?	The bag of chips	5.NBT.A.3

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