Ordering decimals

1

Write these numbers in order, smallest first.

0.72 0.7 0.207 0.27

	o	t	h	th
0.72	0	7	2	0
0.7				
0.207				
0.27				

Line up the decimal points. Fill the gaps with zeros.

Answer _____

2

Write these numbers in order, smallest first.

1.35 1.5 1.053 1.305

	o	t	h	th
1.35				
1.5				
1.053				
1.305				

Answer _____

3

Write these numbers in order, smallest first.

6.4 6.18 6.425 6.09

	o	t	h	th
6.4				
6.18				
6.425				
6.09				

Answer _____

4

Write these numbers in order, **largest** first.

0.9 0.89 0.098 0.809

	o	t	h	th
0.9				
0.89				
0.098				
0.809				

Answer _____

5

Write these numbers in order, smallest first.

12.4 9.87 12.09 10.5

_____

_____

_____

Answer _____

6

Write < or > in each box.

0.6 ☐ 0.58

2.31 ☐ 2.3

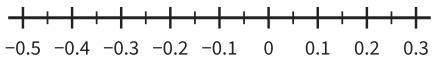
0.045 ☐ 0.45

7.08 ☐ 7.8

7

Write these numbers in order, smallest first.

−0.4 0.2 −0.35 −0.04



Answer _____

8

Lily says 0.35 is bigger than 0.5 because 35 is bigger than 5. Is she right? Explain your answer.

_____

_____

_____

Answer _____

Ordering decimals *further practice*

9

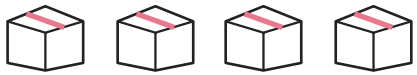
Write these numbers in order, smallest first.

0.61 0.6 0.016 0.106 0.16

Answer _____

10

Four parcels are weighed.
Write the weights in order, heaviest first.



2.4 kg 2.35 kg 2.405 kg 2.5 kg

Answer _____

11

Write < or > in each box.

−0.7 ☐ −0.65

−1.2 ☐ 0.3

−0.08 ☐ −0.8

12

Here are the temperatures at midnight in five towns, in °C.
Write the temperatures in order, coldest first.

−1.5 0.4 −0.9 −1.05 0.25

Answer _____

13

Which of these numbers are between 1.5 and 1.6?

1.05 1.55 1.605 1.509 1.059

Answer _____

14

A recipe needs 0.75 kg of flour.
Which of these bags hold enough flour on their own?



0.7 kg 0.705 kg 0.8 kg 0.795 kg

Answer _____

15

The missing digit makes this true.
What could the missing digit be?
Give every answer.

4.☐6 > 4.58

Answer _____

16

Zara says −0.5 is bigger than −0.45 because 0.5 is bigger than 0.45.
Is she right? Explain your answer.

Answer _____