Ordering decimals

ANSWERS

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	7	0	0
0.207	0	2	0	7
0.27	0	2	7	0

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

Answer 0.207, 0.27, 0.7, 0.72

2

Write these numbers in order, smallest first.

1.35 1.5 1.053 1.305

	o	t	h	th
1.35	1	3	5	0
1.5	1	5	0	0
1.053	1	0	5	3
1.305	1	3	0	5

Answer 1.053, 1.305, 1.35, 1.5

3

Write these numbers in order, smallest first.

6.4 6.18 6.425 6.09

	o	t	h	th
6.4	6	4	0	0
6.18	6	1	8	0
6.425	6	4	2	5
6.09	6	0	9	0

Answer 6.09, 6.18, 6.4, 6.425

4

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

0.9 0.89 0.098 0.809

	o	t	h	th
0.9	0	9	0	0
0.89	0	8	9	0
0.098	0	0	9	8
0.809	0	8	0	9

Answer 0.9, 0.89, 0.809, 0.098

5

Write these numbers in order, smallest first.

12.4 9.87 12.09 10.5

9.87 has the smallest whole part

10.5, then 12.09 < 12.40

Answer 9.87, 10.5, 12.09, 12.4

6

Write < or > in each box.

0.6 > **0.58**

2.31 > **2.3**

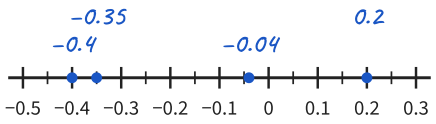
0.045 < **0.45**

7.08 < **7.8**

7

Write these numbers in order, smallest first.

−0.4 0.2 −0.35 −0.04



Answer −0.4, −0.35, −0.04, 0.2

8

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

0.5 = 0.50

3 tenths is less than 5 tenths

Answer No, 0.35 < 0.5

Ordering decimals *further practice*

ANSWERS

9

Write these numbers in order, smallest first.

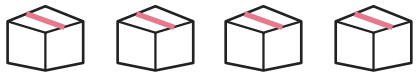
0.61 0.6 0.016 0.106 0.16

0.610, 0.600, 0.016, 0.106, 0.160

Answer *0.016, 0.106, 0.16, 0.6, 0.61*

10

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



2.4 kg 2.35 kg 2.405 kg 2.5 kg

2.400, 2.350, 2.405, 2.500

Answer *2.5, 2.405, 2.4, 2.35 kg*

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

−1.50 < −1.05 < −0.90 < 0.25

Answer *−1.5, −1.05, −0.9, 0.25, 0.4*

13

Which of these numbers are between 1.5 and 1.6?

1.05 1.55 1.605 1.509 1.059

1.500 < 1.550 < 1.600

1.500 < 1.509 < 1.600

Answer *1.55 and 1.509*

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

0.700 and 0.705 < 0.750

Answer *0.8 kg and 0.795 kg*

15

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

4. ☐ 6 > 4.58

4.56 < 4.58, so 5 is too small

Answer *6, 7, 8 or 9*

16

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

−0.5 is further below zero

than −0.45, so it is smaller

Answer *No, −0.5 < −0.45*