

Ordering Decimals

ANSWERS

1

Write these numbers in order, smallest first.

0.6 0.56 0.506 0.65

	O	t	h	th
0.6	0	6	0	0
0.56	0	5	6	0
0.506	0	5	0	6
0.65	0	6	5	0

Line up the decimal points. Fill gaps with zeros.

Order 0.506, 0.56, 0.6, 0.65

2

Write these numbers in order, smallest first.

3.2 3.15 3.025 3.21

	O	t	h	th
3.2	3	2	0	0
3.15	3	1	5	0
3.025	3	0	2	5
3.21	3	2	1	0

Order 3.025, 3.15, 3.2, 3.21

3

Write these numbers in order, smallest first.

0.7 0.07 0.77 0.707

	O	t	h	th
0.7	0	7	0	0
0.07	0	0	7	0
0.77	0	7	7	0
0.707	0	7	0	7

Order 0.07, 0.7, 0.707, 0.77

4

Write these numbers in order, smallest first.

1.4 1.04 1.44 1.404

	O	t	h	th
1.4	1	4	0	0
1.04	1	0	4	0
1.44	1	4	4	0
1.404	1	4	0	4

Order 1.04, 1.4, 1.404, 1.44

5

Write these numbers in order, smallest first.

5.09 5.9 5.099 5.19

	O	t	h	th
5.09	5	0	9	0
5.9	5	9	0	0
5.099	5	0	9	9
5.19	5	1	9	0

Order 5.09, 5.099, 5.19, 5.9

6

Write these numbers in order, smallest first.

0.3 0.33 0.303 0.033

	O	t	h	th
0.3	0	3	0	0
0.33	0	3	3	0
0.303	0	3	0	3
0.033	0	0	3	3

Order 0.033, 0.3, 0.303, 0.33

7

Four runners finish in 12.5 s, 12.05 s, 12.55 s and 12.15 s. Write the times in order, fastest first.

the fastest is the smallest time

Answer 12.05, 12.15, 12.5, 12.55

8

Write down a decimal that is bigger than 0.4 but smaller than 0.41

any number from 0.401 to 0.409

Answer 0.405

Ordering Decimals further practice

ANSWERS

9

Write these numbers in order, smallest first.

2.6 2.06 2.66 2.606

2.600 2.060 2.660 2.606

Order 2.06, 2.6, 2.606, 2.66

10

Write these numbers in order, largest first.

4 0.4 4.04 0.44 4.4

4 is 4.00

Order 4.4, 4.04, 4, 0.44, 0.4

11

Write < or > in each box.

0.7 0.69

3.05 3.5

0.208 0.28

12

Four friends do a long jump. Ava jumps 3.48 m, Ben jumps 3.5 m, Cal jumps 3.405 m and Dee jumps 3.45 m. Who comes second?

3.500, 3.480, 3.450, 3.405

Answer Ava

13

A screw passes a check if its length is between 2.5 cm and 2.6 cm. Which of these screws pass the check?

2.56 cm 2.065 cm 2.651 cm
2.509 cm

2.500 < 2.560 < 2.600

Answer 2.56 cm and 2.509 cm

14

Four bottles hold 0.75 litres, 0.7 litres, 0.725 litres and 0.57 litres of water. Kai pours the water from the two bottles that hold the most into a jug. How much water is in the jug?

0.75 + 0.725

Answer 1.475 litres

15

Use each card once to make the largest number you can that is less than 0.5

0.

the tenths digit must be less than 5

16

Sam says 0.50 is bigger than 0.5 because 50 is bigger than 5. Is Sam right? Explain.

5 tenths is the same as 50 hundredths

Answer No, they are equal