

Study Guide Worksheet 3-4

Comparing and Ordering Decimals

Which is greater, 25.692 or 25.6902?

Line up the decimal points.
Start at the left. Find the first place in which the digits are different.

Compare the digits.

The decimal with the greater digit is greater.

25.692
25.6902

2 is greater than 0.
 $2 > 0$

$25.692 > 25.6902$

Order decimals by comparing them two at a time.

State the greater number in each group.

1. 0.042 or 0.422

2. 7.398 or 7.378

3. 76.1423 or 76.142

4. 1.53 or 1.0053

5. 14.358 or 14.374

6. 0.092 or 0.192

7. 709.12 or 790.21

8. 5.0045 or 5.0405

9. 12.2 or 2.222

Order each set of decimals from least to greatest.

10. 6.583
6.843
6.065
6.269

11. 456.73
465.32
456.37
456.23

12. 0.004
0.04
0.035
0.305

Order each set of decimals from greatest to least.

13. 1.16
0.616
1.066
0.06
0.016

14. 91.5
95.155
9.05
19.005
95.51

15. 745.0003
745.303
745.03
745.333
745.003

Practice Worksheet 3-4

Comparing and Ordering Decimals

Circle the greater number in each group.

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|----------------------|----------------------|-----------------------|
| 1. 6.23 or 6.32 | 2. 4.58 or 4.5 | 3. 7.09 or 7.1 |
| 4. 0.347 or 0.437 | 5. 0.92 or 0.095 | 6. 15.6 or 1.506 |
| 7. 28.003 or 28.03 | 8. 1.406 or 1.064 | 9. 19.08 or 19.079 |
| 10. 0.0705 or 0.075 | 11. 32.61 or 3.621 | 12. 40.0598 or 40.589 |
| 13. 93.045 or 93.054 | 14. 21.967 or 2.1968 | 15. 87.0024 or 87.003 |
| 16. 0.849 or 0.0851 | 17. 6.2709 or 6.2907 | 18. 5.862 or 52.68 |

Order each set of decimals from least to greatest.

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|--|--|--|
| 19. 1.25
1.52
1.02
1.50 | 20. 18.7
19.06
17.9
18.08 | 21. 308.629
380.269
308.962
308.296 |
| 22. 0.0475
0.5074
0.0547
0.4057 | 23. 67.39
68.004
67.039
67.04 | 24. 432.95
234.96
342.95
243.97 |

Order each set of decimals from greatest to least.

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|--|---|---|
| 25. 0.60
0.006
0.59
0.059
0.95 | 26. 72.052
71.98
73.7
71.89
72.46 | 27. 290.41
289.4
295.014
289.14
295.104 |
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