



Math Worksheet for 5th Grade

Comparing decimal place values

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

1. Compare using $>$, $<$, or $=$: 0.7 ____ 0.70
2. Compare using $>$, $<$, or $=$: 3.45 ____ 3.450
3. Which is greater: 0.507 or 0.57 ?
4. Which is greater: 2.309 or 2.391 ?
5. Fill in the blank with $>$, $<$, or $=$: 5.2 ____ 5.19
6. What is the value of the digit 6 in 8.672 ?
7. What is the value of the digit 2 in 0.302 ?
8. Compare using $>$, $<$, or $=$: 12.003 ____ 12.03
9. Order from least to greatest: 0.4 , 0.39 , 0.405
10. Order from greatest to least: 7.12 , 7.2 , 7.120
11. True or False: 4.05 is greater than 4.5 .
12. Which digit is in the hundredths place in 9.468 ?
13. Which decimal has the larger thousandths place value: 1.256 or 1.265 ?
14. Compare: 0.999 ____ 1.000
15. Fill in the blank with $>$, $<$, or $=$ so the sentence is true: 6.300 ____ 6.03
16. Which is greater: 0.250 or 0.205 ?
17. What is the value of the digit 3 in 13.304 ?
18. Order from least to greatest: 2.002 , 2.02 , 2.2
19. Compare using $>$, $<$, or $=$: 0.081 ____ 0.0081
20. Fill in the blank with $>$, $<$, or $=$: 10.5 ____ 10.50
21. Which is greater: 5.678 or 5.687 ?
22. What is the value of the digit 9 in 0.094 ?
23. True or False: $3.40 = 3.4$
24. Fill in the blank with a digit (0-9) to make the statement true: $4.3_ < 4.35$
25. Which is greater: 0.602 or 0.620 ?
26. Order these from least to greatest: 0.123 , 0.132 , 0.103
27. Compare using $>$, $<$, or $=$: 15.01 ____ 15.010
28. What is the value of the digit 1 in 6.141 ?
29. Word problem: Sarah drank 0.75 liters of water and Mia drank 0.705 liters. Who drank more? By how much?
30. Word problem: A ribbon A is 2.405 meters long and ribbon B is 2.45 meters long. Which ribbon is longer?
31. Word problem: A jogger ran 3.2 miles on Monday, 3.25 miles on Tuesday, and 3.215 miles on Wednesday. On which day did the jogger run the least distance?



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32. Word problem: A bottle contains 0.900 liters of juice, and another bottle contains 0.89 liters. Which bottle has more juice?
33. Word problem: A class collected 0.75 kg, 0.705 kg, and 0.700 kg of recyclables separately. Order the amounts from greatest to least.
34. Word problem: A parcel weighs 4.080 kg and another weighs 4.8 kg. Which parcel is heavier?
35. Word problem: Lily's pencil is 0.09 m long and Tom's pencil is 0.090 m long. Compare their lengths.
36. Word problem: A baker used 1.205 kg of flour for cake A and 1.250 kg for cake B. Which cake used more flour and by how much?
37. Word problem: Two students scored 89.5, 89.45, and 89.505 on three quizzes. Which score is highest?
38. Word problem: A tank is filled to 6.007 liters and another tank to 6.07 liters. Which tank has more water?
39. Word problem: A computer file is 0.999 MB and another is 1.000 MB. Which file is larger?
40. Word problem: A farmer harvested 12.3 kg, 12.30 kg, and 12.301 kg of strawberries from three plots. Rank the harvests from least to greatest.
41. True or False: $0.400 = 0.4$ and both equal 0.40.
42. Fill in the blank with $>$, $<$, or $=$: 0.305 ____ 0.35
43. Fill in the blank with a digit (0-9): $7.1_ > 7.10$ (Choose a digit to make the statement true)
44. Compare using $>$, $<$, or $=$: 0.470 ____ 0.407
45. What is the value of the digit 4 in 14.004?
46. Which is greater: 0.032 or 0.023?
47. Order from greatest to least: 9.009, 9.090, 9.9
48. Fill in the blank with $>$, $<$, or $=$: 0.075 ____ 0.75
49. Word problem: A recipe needs 0.5 kg sugar, but Sam has 0.50 kg and Jo has 0.500 kg. Do Sam and Jo each have enough sugar? Are their amounts the same?
50. Word problem: A scientist records temperatures: 21.005 degC, 21.05 degC, and 21.5 degC. Which temperature is the highest and which is the lowest?