



Math Worksheet for 5th Grade

Rounding decimals

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

1. On a number line between 1.2 and 1.3, you mark the point 1.24. Round 1.24 to the nearest tenth.
2. On a number line between 3.6 and 3.7, you mark the point 3.66. Round 3.66 to the nearest tenth.
3. On a number line between 0.9 and 1.0, the point is 0.95. Round 0.95 to the nearest tenth.
4. On a number line between 5.3 and 5.4, the point is 5.35. Round 5.35 to the nearest tenth.
5. On a number line from 2.4 to 2.5, the point is 2.42. Round 2.42 to the nearest tenth.
6. On a number line between 7.8 and 7.9, the point is 7.84. Round 7.84 to the nearest tenth.
7. On a number line between 4.1 and 4.2, the point is 4.149. Round 4.149 to the nearest tenth.
8. On a number line between 0.04 and 0.05, the point is 0.045. Round 0.045 to the nearest tenth.
9. On a number line between 9.4 and 9.5, the point is 9.499. Round 9.499 to the nearest tenth.
10. On a number line between 6.2 and 6.3, the point is 6.25. Round 6.25 to the nearest tenth.

Worked-example style (show steps)

11. Worked example: Round 6.78 to the nearest tenth. Show the steps you used.
12. Worked example: Round 3.45 to the nearest tenth. Show the steps you used.
13. Worked example: Round 0.04 to the nearest tenth. Show the steps you used.
14. Worked example: Round 9.95 to the nearest tenth. Show the steps you used.
15. Worked example: Round 12.05 to the nearest tenth. Show the steps you used.

Numeracy (round these decimals to the nearest tenth)

16. 0.867
17. 5.03
18. 2.995
19. 14.44
20. 11.46
21. 0.149
22. 8.15
23. 3.999
24. 7.705
25. 0.5
26. 6.049
27. 13.55
28. 4.999
29. 2.44
30. 10.02



Math Worksheet for 5th Grade

Rounding decimals

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

31. 0.999

32. 15.34

33. 6.35

34. 5.555

35. 20.04

Word problems (round to the nearest tenth)

36. A baker measured 3.46 kg of flour for a large batch. Round the amount to the nearest tenth of a kilogram for the recipe.

37. A car trip showed 12.84 miles on the odometer after a short drive. Round this distance to the nearest tenth of a mile.

38. The temperature at noon was 23.95 degC. Round the temperature to the nearest tenth of a degree.

39. A swimming pool's length was measured as 25.05 meters. Round to the nearest tenth of a meter.

40. A book weighs 0.745 kg. Round the weight to the nearest tenth of a kilogram.

41. Lisa has \$4.95 in her piggy bank. Round her money to the nearest tenth of a dollar.

42. A jogger ran 2.675 km this morning. Round the distance to the nearest tenth of a kilometer.

43. A recipe calls for 0.255 liters of milk. Round this amount to the nearest tenth of a liter.

44. The car's gas gauge shows 18.049 gallons left. Round the amount to the nearest tenth of a gallon.

45. A plant's height was measured at 0.995 meters. Round the height to the nearest tenth of a meter.

46. A hiker walked 7.275 miles on a trail. Round the miles to the nearest tenth.

47. A toy costs \$19.94. Round the price to the nearest tenth of a dollar.

48. The rainfall yesterday was 0.145 inches. Round the rainfall to the nearest tenth of an inch.

49. The class average score was 87.65 points. Round the average to the nearest tenth.

50. A weather balloon reached 123.95 meters. Round this height to the nearest tenth of a meter.