



Math Worksheet for 5th Grade

Decimals on the number line

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Questions

1. On a number line from 0.000 to 0.010 divided into 10 equal parts, what decimal is 6 increments from 0.000?
2. On a number line from 0.000 to 0.005 divided into 5 equal parts, what decimal is 3 increments from 0.000?
3. On a number line from 0.000 to 0.100 divided into 10 equal parts, what decimal is 5 increments from 0.000?
4. Write 125 thousandths as a decimal.
5. Write seven thousandths as a decimal.
6. Write 342 thousandths as a decimal.
7. Which is greater on a number line: 0.409 or 0.490?
8. Order these from least to greatest: 0.207, 0.275, 0.072.
9. What decimal equals $\frac{1}{1000}$?
10. What decimal equals $\frac{500}{1000}$?
11. Point A is at 0.123 and point B is at 0.128. What is the distance between A and B (as a decimal)?
12. Find the midpoint between 0.234 and 0.244.
13. What decimal is 8 thousandths more than 0.256?
14. On a number line from 0.000 to 0.010 with ticks at 0.000, 0.002, 0.004, 0.006, 0.008, 0.010, what decimal is the 4th tick (counting 0.000 as the 1st)?
15. Convert 837 thousandths to a decimal.
16. Which point is closer to 0.500: 0.492 or 0.507?
17. On a number line from 0.000 to 0.100 divided into 100 equal parts (each 0.001), what decimal is 12 increments from 0.000?
18. How many thousandths are in 0.006?
19. How many thousandths are in 0.999?
20. Fill the blank: 0.301, 0.302, ____, 0.304.
21. Which is greater: 0.700 or 0.070?
22. Order from greatest to least: 0.123, 0.321, 0.213.
23. Point C is at 0.250 and point D is at 0.275. How many thousandths are between C and D?
24. Write three hundred thousandths as a decimal.
25. What is the next thousandth after 0.456?
26. Convert $\frac{19}{1000}$ to a decimal.
27. What fraction of 1 is 0.083? (Write as thousandths fraction)
28. Fill the blank: 0.600, _____, 0.602.
29. Find the difference: 0.700 - 0.543.
30. On a number line from 0.000 to 0.004 with ticks every 0.001, what decimal is the third tick after 0.000?



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31. What decimal is exactly halfway between 0.111 and 0.113?
32. How many thousandths are in 0.860?
33. Which is smaller on the number line: 0.405 or 0.450?
34. Point E is at 0.999 and point F is at 1.000. How many thousandths are between E and F?
35. On a number line from 0.000 to 0.020 divided into 20 equal parts (each 0.001), what decimal is 15 increments from 0.000?
36. Convert $\frac{412}{1000}$ to a decimal.
37. What decimal is 20 thousandths less than 0.200?
38. On a number line with ticks at 0.000, 0.001, 0.002, 0.003, 0.004, which tick is 0.001?
39. Write 0.070 as a number of thousandths.
40. Order these from least to greatest: 0.708, 0.087, 0.780.
41. What decimal is 1 thousandth more than 0.349?
42. How many thousandths are in 0.021?
43. What decimal is halfway between 0.400 and 0.406?
44. What decimal equals 999 thousandths?
45. How many thousandths are in 0.260?
46. Find the distance between 0.622 and 0.607 (as a decimal).
47. On a number line with ticks at 0.000, 0.006, 0.012, 0.018, 0.024, 0.030, what decimal is the 3rd tick (counting 0.000 as the 1st)?
48. Write $\frac{34}{1000}$ as a decimal.
49. Put these decimals in order from least to greatest: 0.005, 0.015, 0.010.
50. What decimal represents zero on the number line (to three decimal places)?