Name _____   Date _____

Decimals

Write each as a decimal.

1. sixty-six hundredths	2. one tenth	3. $\dfrac{26}{100}$	4. 8 tenths
5. $\dfrac{5}{10}$	6. $\dfrac{9}{100}$	7. $\dfrac{9}{10}$	8. two tenths

Write each as a fraction.

9. thirty-six hundredths	10. two tenths	11. 0.4
12. 68 hundredths	13. 0.03	14. one tenth

Write each as a decimal.

15. $4\dfrac{6}{10}$	16. $3\dfrac{85}{100}$	17. two and twenty-six hundredths	18. eleven and one tenth
19. one and seventy-nine hundredths	20. $8\dfrac{9}{10}$	21. five and nine tenths	22. $6\dfrac{70}{100}$

Write each as a fraction.

23. 72.18	24. eight and one hundredth	25. five and three tenths
26. 51.4	27. seven and two tenths	28. 49.49

Write each as a decimal.

29. $5\frac{8}{10}$	30. twelve hundredths	31. $\frac{4}{100}$	32. two and seventy hundredths
33. three and three tenths	34. nine tenths	35. $23\frac{5}{10}$	36. $\frac{82}{100}$

Compare. Write <, >, or =.

37. 6.4 _____ 6.9	38. 0.54 _____ 0.10
39. 2.6 _____ 2.41	40. 5.50 _____ 5.22

Order the decimals from least to greatest.

41. 5.59, 5.53, 5.60	42. 2.6, 1.8, 1.28
43. 3.7, 3.07, 2.6	44. 4.98, 4.14, 4.41

Order the decimals from least to greatest.

45. 5.56, 5.70, 5.2, 5.73, 5.4, 5.8, 5.80, 5.58
46. 8.48, 8.41, 8.5, 8.47, 8.43, 8.93

Compare. Write <, >, or =.

47. $\frac{30}{100}$ _____ 0.3	48. 0.92 _____ $\frac{96}{100}$
49. $\frac{2}{10}$ _____ 0.20	50. 0.42 _____ $\frac{45}{100}$

Round to the place of the underlined digit.

51. 206.65<u>6</u>47	52. 78.<u>3</u>51264	53. <u>7</u>.1205
54. 7.1<u>1</u>4	55. 337.<u>5</u>8	56. 6<u>0</u>.32
57. 49.9<u>7</u>4	58. 199.<u>1</u>920	59. 1.952<u>2</u>22

Order the numbers from greatest to least.

60. $0.70, \quad \dfrac{60}{100}, \quad \dfrac{54}{100}$	61. $0.6, \quad \dfrac{30}{100}, \quad 0.32$
62. $0.1, \quad \dfrac{12}{100}, \quad 0.4$	63. $\dfrac{69}{100}, \quad 0.1, \quad \dfrac{9}{100}$

Order the numbers from least to greatest.

64. $7.88, \quad 8\dfrac{3}{10}, \quad 7.83$	65. $5\dfrac{89}{100}, \quad 5\dfrac{70}{100}, \quad 5.87$
66. $3.40, \quad 3\dfrac{60}{100}, \quad 3.46$	67. $8.18, \quad 8\dfrac{6}{10}, \quad 8\dfrac{81}{100}$

Write each as a decimal.

68. $\dfrac{371}{1000}$	69. three hundred seventy-seven thousandths	70. $\dfrac{209}{1000}$	71. seven hundred eighty-six thousandths
72. 4 thousandths	73. 402 thousandths	74. six thousandths	75. $\dfrac{792}{1000}$

Write each as a fraction.

76. five hundred seventy-four thousandths	77. two hundred one thousandths	78. 699 thousandths
79. 0.341	80. 0.009	81. two hundred seventy-six thousandths

Write each as a decimal.

82. nine and nine tenths	83. $3\dfrac{51}{100}$	84. twenty-five and four thousandths	85. $17\dfrac{5}{10}$
86. $1\dfrac{76}{100}$	87. $48\dfrac{4}{10}$	88. six and three thousandths	89. eight and thirty-three hundredths

Compare. Write <, >, or =.

90. 6.87 _____ 6.85	91. 3.712 _____ 3.7
92. 5.4 _____ 5.8	93. 1.762 _____ 1.627

Order the decimals from greatest to least.

94. 8.6, 8.9, 8.877	95. 7.205, 7.5, 7.213
96. 9.8, 9.1, 9.2	97. 4.680, 4.4, 4.04

Compare. Write <, >, or =.

98. $\dfrac{24}{100}$ _____ 0.78	99. 0.683 _____ $\dfrac{679}{1000}$
100. $\dfrac{273}{1000}$ _____ 0.9	101. 0.75 _____ $\dfrac{701}{1000}$

Order the numbers from least to greatest.

102. $\dfrac{7}{10}$, 0.07, 0.064	103. 0.67, $\dfrac{7}{10}$, $\dfrac{71}{100}$
104. $\dfrac{30}{100}$, 0.30, $\dfrac{434}{1000}$	105. 0.32, $\dfrac{796}{1000}$, 0.23

Compare. Write <, >, or =.

106. 8.7 _____ 8.51	107. 9.20 _____ 9.2
108. 4.55 _____ 4.51	109. 3 _____ 3.002

Complete.

110. Is 7.04 less than 7.90? Explain. Make a decimal that is smaller than 7.04, but greater than 7.	111. Explain why shifting the decimal point in a number is equivalent to multiplying or dividing a number by a power of ten.