

Compare and Order Decimals

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Interactive Examples

Compare. Write $<$, $>$, or $=$.

28. $4.735 \bigcirc 4.74$

29. $2.549 \bigcirc 2.549$

30. $3.207 \bigcirc 3.027$

31. $8.25 \bigcirc 8.250$

32. $5.871 \bigcirc 5.781$

33. $9.36 \bigcirc 9.359$

Order from greatest to least.

34. 3.008; 3.825; 3.09; 3.18

35. 0.386; 0.3; 0.683; 0.836

Find the unknown digit to make each statement true.

36. $2.48 > 2.4 \square 1 > 2.463$

37. $5.723 < 5.72 \square < 5.725$

38. $7.64 < 7. \square 5 < 7.68$

Problem Solving

39. The completion times for three runners in a 100-yard dash are 9.75 seconds, 9.7 seconds, and 9.675 seconds. Which is the least time?

40. In a discus competition, an athlete threw the discus 63.37 meters, 62.95 meters, and 63.7 meters. Order the distances from least to greatest.

41.  **WRITE** *Math* Write a word problem that can be solved by ordering three decimals to thousandths. Include a solution.

Lesson Check

Jay, Alana, Evan, and Stacey work together to complete a science experiment. The table at the right shows the amount of liquid left in each of their beakers at the end of the experiment.

Student	Amount of liquid (liters)
Jay	0.8
Alana	1.05
Evan	1.2
Stacey	0.75

42. Whose beaker has the greatest amount of liquid left in it?

43. Whose beaker has the least amount of liquid left in it?

Spiral Review

44. Ganyu walked 3.75 miles yesterday. What is the word form of 3.75?

45. A dance school allows a maximum of 15 students per class. If 112 students sign up for dance class, how many classes does the school need to offer to accommodate all the students?

46. Tommy has 3 large jars filled with marbles. He has a total of 450 marbles. How many marbles are in each jar?

47. Ahmed cut 2 apples into 6 slices each. He ate 9 slices. What expression matches the words?
