

MY Homework

Lesson 7

Compare Decimals

Homework Helper



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Compare 59.296 and 59.6.

1 Line up the decimal points. Annex zeros where necessary.

59.296

59.600

2 Compare the digits in the greatest place. The tens and ones digits are each the same.

3 Continue comparing until the digits are different. In the tenths place, $2 < 6$.

Annex 2 zeros so that the numbers have the same number of decimal places.

So, $59.296 < 59.6$.

Practice

Write $<$, $>$, or $=$ in each to make a true sentence.

1. 3.976 4.007

2. 89.001 89.100

3. 126.698 126.689

4. 5.05 5.050

5. 9.087 9.807

6. 3.674 6.764

7. 0.256 0.256

8. 2.7 2.82

9. 6.030 6.03

10. 7.89 7.189

11. 12.54 1.254

12. 0.981 2.3



Problem Solving

13. In January, the average low temperature in Montreal, Quebec, Canada, is 5.2°F . The average low temperature in Cape Town, South Africa, is 60.3°F . Which city is warmer in January?

14. In one year Detroit, Michigan, recorded 30.9 inches of snow and Chicago, Illinois, recorded 39.9 inches of snow. Which city had more snow?

15. Mathematical PRACTICE 6 Explain to a Friend George was weighed at the doctor's office. The scale read 67.20 pounds. The doctor wrote 67.2 pounds on George's chart. Did the doctor make a mistake? Explain to a friend.

16. The two fastest times in the past 20 years for the girls' 200-meter run at Clarksville Elementary School are 27.97 seconds and 27.93 seconds. At yesterday's track meet, Claire ran 27.99 seconds. Was her time faster than either of the two fastest? Explain.



Vocabulary Check



17. Write if the following statement is true or false.

Equivalent decimals are decimals that have the same value. _____

Test Practice

18. Which of the following symbols make the statement below true?

98.546 98.654

(A) <

(C) =

(B) >

(D) \geq

54 **Need more practice?** Download Extra Practice at connectED.mcgraw-hill.com