

Name: _____

Date: _____

Decimal Showdown

Comparing Decimals · 5th Grade Math



Directions: Write $>$, $<$, or $=$ in each circle. Line up the decimal points and add zeros so both numbers have the same number of digits.

Teacher trick: "Add a zero, it's still a hero."

0.7 vs 0.65 $\rightarrow$ 0.70 vs 0.65 $\rightarrow$ 70 hundredths $>$ 65 hundredths, so $0.7 > 0.65$

1. 0.4 0.38

2. 2.05 2.5

3. 0.60 0.6

4. 3.14 3.141

5. 7.09 7.9

6. 0.125 0.13

7. 5.5 5.49

8. 12.3 12.30

9. 0.007 0.07

10. 9.99 10.1

11. 4.056 4.06

12. 1.2 1.197

Explain it: How did you know which number was greater in problem 9?

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Line Them Up!

Ordering Decimals • 5th Grade Math



Directions: Write each set of numbers in order from LEAST to GREATEST. Tip: rewrite them with the same number of decimal places first.

13. **0.5 0.45 0.505 0.055**

_____ < _____ < _____ < _____

14. **3.2 3.02 3.22 3.202**

_____ < _____ < _____ < _____

15. **1.9 1.09 1.19 1.909**

_____ < _____ < _____ < _____

16. **7.07 7.7 7.007 7.77**

_____ < _____ < _____ < _____

17. Fall Fun Run: Four friends ran the 100-meter dash. The LOWEST time wins!

Leo: 15.8 seconds

Ava: 15.08 seconds

Sam: 15.83 seconds

Kai: 15.38 seconds



a) Order the times from fastest (least) to slowest (greatest):

b) Who won the race? _____

Decimal Showdown — Answers

1. $0.4 > 0.38$

2. $2.05 < 2.5$

3. $0.60 = 0.6$

4. $3.14 < 3.141$

5. $7.09 < 7.9$

6. $0.125 < 0.13$

7. $5.5 > 5.49$

8. $12.3 = 12.30$

9. $0.007 < 0.07$

10. $9.99 < 10.1$

11. $4.056 < 4.06$

12. $1.2 > 1.197$

13. $0.055 < 0.45 < 0.5 < 0.505$

14. $3.02 < 3.2 < 3.202 < 3.22$

15. $1.09 < 1.19 < 1.9 < 1.909$

16. $7.007 < 7.07 < 7.7 < 7.77$

17a. Ava 15.08 < Kai 15.38 < Leo 15.8 < Sam 15.83

17b. Ava won with 15.08 seconds.

Problem 9 sample answer: 0.007 is 7 thousandths and 0.07 is 70 thousandths, so 0.07 is greater. (Accept any explanation that compares place value.)