

Name _____

Compare and Order Decimals

COMMON CORE STANDARD CC.5.NBT.3b

Understand the place value system.

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

1. $4.735 \bigcirc 4.74$

2. $2.549 \bigcirc 2.549$

3. $3.207 \bigcirc 3.027$

4. $8.25 \bigcirc 8.250$

5. $5.871 \bigcirc 5.781$

6. $9.36 \bigcirc 9.359$

7. $1.538 \bigcirc 1.54$

8. $7.036 \bigcirc 7.035$

9. $6.700 \bigcirc 6.7$

Order from greatest to least.

10. 3.008; 3.825; 3.09; 3.18

11. 0.275; 0.2; 0.572; 0.725

12. 6.318; 6.32; 6.230; 6.108

13. 0.456; 1.345; 0.645; 0.654

Algebra Find the unknown digit to make each statement true.

14. $2.48 > 2.4 \blacksquare 1 > 2.463$

15. $5.723 < 5.72 \blacksquare < 5.725$

16. $7.64 < 7. \blacksquare 5 < 7.68$

Problem Solving 

17. 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 winning time?

18. 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.

Lesson Check (CC.5.NBT.3b)

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

- Whose beaker has the greatest amount of liquid left in it?
 (A) Jay (C) Evan
 (B) Alana (D) Stacey
- Whose beaker has the least amount of liquid left in it?
 (A) Jay (C) Evan
 (B) Alana (D) Stacey

Spiral Review (CC.5.OA.1, CC.5.OA.2, CC.5.NBT.3a, CC.5.NF.3)

- Janet walked 3.75 miles yesterday. Which is the word form of 3.75? (Lesson 3.2)
 (A) three and seventy-five tenths
 (B) three hundred seventy-five hundredths
 (C) three hundred seventy-five thousandths
 (D) three and seventy-five hundredths
- Which expression has a value of 7? (Lesson 1.12)
 (A) $[(29 - 18) + (17 + 8)] \div 6$
 (B) $[(29 - 18) + (17 - 8)] \div 4$
 (C) $[(29 + 18) - (17 + 8)] \div 2$
 (D) $[(29 + 18) + (17 - 8)] \div 8$
- 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? (Lesson 2.7)
 (A) 7 (C) 9
 (B) 8 (D) 10
- Cathy cut 2 apples into 6 slices each. She ate 9 slices. Which expression matches the words? (Lesson 1.10)
 (A) $(2 \times 6) - 9$
 (B) $(6 \times 9) - 2$
 (C) $(9 \times 2) - 6$
 (D) $(9 - 6) \times 2$