

Name _____

Compare Decimals

COMMON CORE STANDARDS CC.4.NF.7

Understand decimal notation for fractions, and compare decimal fractions.

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

1. $0.35 \text{ } \textcircled{<} \text{ } 0.53$

2. $0.6 \text{ } \textcircled{\phantom{<}} \text{ } 0.60$

3. $0.24 \text{ } \textcircled{\phantom{<}} \text{ } 0.31$

Think: 3 tenths is less than 5 tenths.
So, $0.35 < 0.53$

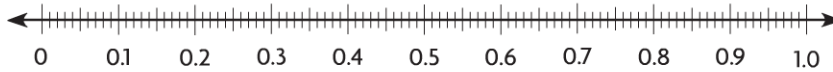
4. $0.94 \text{ } \textcircled{\phantom{<}} \text{ } 0.9$

5. $0.3 \text{ } \textcircled{\phantom{<}} \text{ } 0.32$

6. $0.45 \text{ } \textcircled{\phantom{<}} \text{ } 0.28$

7. $0.39 \text{ } \textcircled{\phantom{<}} \text{ } 0.93$

Use the number line to compare. Write *true* or *false*.



8. $0.8 > 0.78$

9. $0.4 > 0.84$

10. $0.7 < 0.70$

11. $0.4 > 0.04$

Compare. Write *true* or *false*.

12. $0.09 > 0.1$

13. $0.24 = 0.42$

14. $0.17 < 0.32$

15. $0.85 > 0.82$

Problem Solving REAL WORLD

16. Kelly walks 0.7 mile to school. Mary walks 0.49 mile to school. Write an inequality using $<$, $>$, or $=$ to compare the distances they walk to school.

17. Tyrone shades two decimal grids. He shades 0.03 of the squares on one grid blue. He shades 0.3 of another grid red. Which grid has the greater part shaded?

Lesson Check (CC.4.NF.7)

- Bob, Cal, and Pete each made a stack of baseball cards. Bob's stack was 0.2 meter high. Cal's stack was 0.24 meter high. Pete's stack was 0.18 meter high. Which statement is true?
 - $0.2 > 0.24$
 - $0.24 > 0.18$
 - $0.18 > 0.2$
 - $0.24 = 0.2$
- Three classmates spent money at the school supplies store. Mark spent 0.5 dollar, Andre spent 0.45 dollar, and Raquel spent 0.52 dollar. Which statement is true?
 - $0.45 > 0.5$
 - $0.52 < 0.45$
 - $0.5 = 0.52$
 - $0.45 < 0.5$

Spiral Review (CC.4.NF.3c, CC.4.NF.4c, CC.4.NF.5)

- Pedro has \$0.35 in his pocket. Alice has \$0.40 in her pocket. How much money do Pedro and Alice have in their pockets altogether? (Lesson 9.6)
 - \$0.05
 - \$0.39
 - \$0.75
 - \$0.79
- Joel has 24 sports trophies. Of the trophies, $\frac{1}{8}$ are soccer trophies. How many soccer trophies does Joel have? (Lesson 8.4)
 - 2
 - 3
 - 4
 - 6
- The measure 62 centimeters is equivalent to $\frac{62}{100}$ meter. What is this measure written as a decimal? (Lesson 9.3)
 - 62.0 meters
 - 6.2 meters
 - 0.62 meter
 - 0.6 meter
- Molly's jump rope is $6\frac{1}{3}$ feet long. Gail's jump rope is $4\frac{2}{3}$ feet long. How much longer is Molly's jump rope? (Lesson 7.8)
 - $1\frac{1}{3}$ feet
 - $1\frac{2}{3}$ feet
 - $2\frac{1}{3}$ feet
 - $2\frac{2}{3}$ feet