

Name \_\_\_\_\_

## Compare Decimals

**COMMON CORE STANDARDS** CC.4.NF.7

Understand decimal notation for fractions, and compare decimal fractions.

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

1.  $0.35 < 0.53$

2.  $0.6 \bigcirc 0.60$

3.  $0.24 \bigcirc 0.31$

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

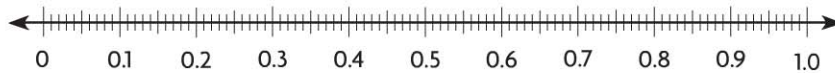
4.  $0.94 \bigcirc 0.9$

5.  $0.3 \bigcirc 0.32$

6.  $0.45 \bigcirc 0.28$

7.  $0.39 \bigcirc 0.93$

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.  $0.85 > 0.82$

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## 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?
  - (A)  $0.2 > 0.24$
  - (B)  $0.24 > 0.18$
  - (C)  $0.18 > 0.2$
  - (D)  $0.24 = 0.2$
- 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?
  - (A)  $0.45 > 0.5$
  - (B)  $0.52 < 0.45$
  - (C)  $0.5 = 0.52$
  - (D)  $0.45 < 0.5$

### Spiral Review (CC.4.NF.3c, CC.4.NF.4c, CC4.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)
  - (A) \$0.05
  - (B) \$0.39
  - (C) \$0.75
  - (D) \$0.79
- The measure 62 centimeters is equivalent to  $\frac{62}{100}$  meter. What is this measure written as a decimal? (Lesson 9.3)
  - (A) 62.0 meters
  - (B) 6.2 meters
  - (C) 0.62 meter
  - (D) 0.6 meter
- Joel has 24 sports trophies. Of the trophies,  $\frac{1}{8}$  are soccer trophies. How many soccer trophies does Joel have? (Lesson 8.4)
  - (A) 2
  - (B) 3
  - (C) 4
  - (D) 6
- 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)
  - (A)  $1\frac{1}{3}$  feet
  - (B)  $1\frac{2}{3}$  feet
  - (C)  $2\frac{1}{3}$  feet
  - (D)  $2\frac{2}{3}$  feet