

Name \_\_\_\_\_

## Compare and Order Fractions and Decimals



**COMMON CORE STANDARD—6.NS.6C**  
Apply and extend previous understandings of numbers to the system of rational numbers.

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

1.  $0.64 < \frac{7}{10}$

2.  $0.48 \bigcirc \frac{6}{15}$

3.  $0.75 \bigcirc \frac{7}{8}$

4.  $7\frac{1}{8} \bigcirc 7.025$

$0.64 < 0.7$

Order from least to greatest.

5.  $\frac{7}{12}, 0.75, \frac{5}{6}$

6.  $0.5, 0.41, \frac{3}{5}$

7.  $3.25, 3\frac{2}{5}, 3\frac{3}{8}$

8.  $0.9, \frac{8}{9}, 0.86$

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Order from greatest to least.

9.  $0.7, \frac{7}{9}, \frac{7}{8}$

10.  $0.2, 0.19, \frac{3}{5}$

11.  $6\frac{1}{20}, 6.1, 6.07$

12.  $2\frac{1}{2}, 2.4, 2.35, 2\frac{1}{8}$

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### Problem Solving

13. One day it snowed  $3\frac{3}{8}$  inches in Altoona and 3.45 inches in Bethlehem. Which city received less snow that day?

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14. Malia and John each bought 2 pounds of sunflower seeds. Each ate some seeds. Malia has  $1\frac{1}{3}$  pounds left, and John has  $1\frac{2}{5}$  pounds left. Who ate more sunflower seeds?

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## Lesson Check (6.NS.6c)

1. Andrea has  $3\frac{7}{8}$  yards of purple ribbon, 3.7 yards of pink ribbon, and  $3\frac{4}{5}$  yards of blue ribbon. List the numbers in order from least to greatest.
2. Nassim completed  $\frac{18}{25}$  of the math homework. Kara completed 0.7 of it. Debbie completed  $\frac{5}{8}$  of it. List the numbers in order from greatest to least.

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## Spiral Review (6.NS.6c, 6.NS.3, 6.NS.4)

3. Tyler bought  $3\frac{7}{16}$  pounds of oranges. Write this amount using a decimal.
4. At the factory, a baseball card is placed in every 9th package of cereal. A football card is placed in every 25th package of the cereal. What is the first package that gets both a baseball card and a football card?

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5. \$15.30 is divided among 15 students. How much does each student receive?
6. Carrie buys 4.16 pounds of apples for \$5.20. How much does 1 pound cost?

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