

Name \_\_\_\_\_

## Compare and Order Fractions

COMMON CORE STANDARD CC.4.NF.2

Extend understanding of fraction equivalence and ordering.

Write the fractions in order from least to greatest.

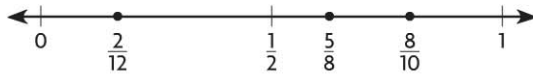
1.  $\frac{5}{8}, \frac{2}{12}, \frac{8}{10}$

2.  $\frac{1}{5}, \frac{2}{3}, \frac{5}{8}$

Use benchmarks and a number line.

Think:  $\frac{5}{8}$  is close to  $\frac{1}{2}$ ,  $\frac{2}{12}$  is close to 0.

$\frac{8}{10}$  is close to 1.



$$\frac{2}{12} < \frac{5}{8} < \frac{8}{10}$$

3.  $\frac{1}{2}, \frac{2}{5}, \frac{6}{10}$

4.  $\frac{4}{6}, \frac{7}{12}, \frac{5}{10}$

5.  $\frac{1}{4}, \frac{3}{6}, \frac{1}{8}$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6.  $\frac{1}{8}, \frac{3}{6}, \frac{7}{12}$

7.  $\frac{8}{100}, \frac{3}{5}, \frac{7}{10}$

8.  $\frac{3}{4}, \frac{7}{8}, \frac{1}{5}$

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## Problem Solving

9. Amy's math notebook weighs  $\frac{1}{2}$  pound, her science notebook weighs  $\frac{7}{8}$  pound, and her history notebook weighs  $\frac{3}{4}$  pound. What are the weights in order from lightest to heaviest?

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\_\_\_\_\_  
\_\_\_\_\_

10. Carl has three picture frames. The thicknesses of the frames are  $\frac{4}{5}$  inch,  $\frac{3}{12}$  inch, and  $\frac{5}{6}$  inch. What are the thicknesses in order from least to greatest?

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### Lesson Check (CC.4.NF.2)

- Juan's three math quizzes this week took him  $\frac{1}{3}$  hour,  $\frac{4}{6}$  hour, and  $\frac{1}{5}$  hour to complete. Which list shows the lengths of time in order from least to greatest?
  - $\frac{1}{3}$  hour,  $\frac{4}{6}$  hour,  $\frac{1}{5}$  hour
  - $\frac{1}{5}$  hour,  $\frac{1}{3}$  hour,  $\frac{4}{6}$  hour
  - $\frac{1}{3}$  hour,  $\frac{1}{5}$  hour,  $\frac{4}{6}$  hour
  - $\frac{4}{6}$  hour,  $\frac{1}{3}$  hour,  $\frac{1}{5}$  hour
- On three days last week, Maria ran  $\frac{3}{4}$  mile,  $\frac{7}{8}$  mile, and  $\frac{3}{5}$  mile. What are the distances in order from least to greatest?
  - $\frac{3}{4}$  mile,  $\frac{7}{8}$  mile,  $\frac{3}{5}$  mile
  - $\frac{3}{5}$  mile,  $\frac{3}{4}$  mile,  $\frac{7}{8}$  mile
  - $\frac{7}{8}$  mile,  $\frac{3}{4}$  mile,  $\frac{3}{5}$  mile
  - $\frac{7}{8}$  mile,  $\frac{3}{5}$  mile,  $\frac{3}{4}$  mile

### Spiral Review (CC.4.OA.4, CC.4.NBT.5, CC.4.NBT.6, CC.4.NF.1)

- Santiago collects 435 cents in nickels. How many nickels does he collect? (Lesson 4.5)
  - 58
  - 78
  - 85
  - 87
- Lisa has three classes that each last 50 minutes. What is the total number of minutes the three classes last? (Lesson 3.1)
  - 15 minutes
  - 150 minutes
  - 153 minutes
  - 156 minutes
- Some students were asked to write a composite number. Which student did NOT write a composite number? (Lesson 5.5)
  - Alicia wrote 2.
  - Bob wrote 9.
  - Arianna wrote 15.
  - Daniel wrote 21.
- Mrs. Carmel serves  $\frac{6}{8}$  of a loaf of bread with dinner. Which fraction is equivalent to  $\frac{6}{8}$ ? (Lesson 6.2)
  - $\frac{2}{4}$
  - $\frac{9}{16}$
  - $\frac{2}{3}$
  - $\frac{3}{4}$