



Try This! Write $\frac{3}{4}$, $\frac{3}{6}$, $\frac{1}{3}$, and $\frac{2}{12}$ in order from least to greatest.

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Chapter 6 • Lesson 8 373

MATHEMATICAL PRACTICES MODEL • REASON • MAKE SENSE **Unlock the Problem** 14. [THINKSMARTER] Nancy, Lionel, and Mavis ran in a 5-kilometer race. The table shows their finish times. In what order did Nancy, Lionel, and Mavis finish the race? a. What do you need to find? **Finish** line **5-Kilometer** b. What information do you need to solve the problem? **Race Results** Name Time ²/_ਤ hour Nancy $\frac{7}{12}$ hour Lionel c. What information is not necessary? $\frac{3}{4}$ hour Mavis d. How will you solve the problem? e. Show the steps to solve the problem. f. Complete the sentences. The runner who finished first is _____. The runner who finished second is _____. The runner who finished third is

- **15. CODEFFER** Alma used 3 beads to make a necklace. The lengths of the beads are $\frac{5}{6}$ inch, $\frac{5}{12}$ inch, and $\frac{1}{3}$ inch. What are the lengths in order from shortest to longest?
- **16. THINKSMARTER** Victor has his grandmother's recipe for making mixed nuts.



Order the ingredients used in the recipe from least to greatest.





- 6. 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?
- 7. 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?

8. **WRITE** *Math* How is ordering fractions on a number line similar to and different from ordering whole numbers on a number line?

Lesson Check (4.NF.A.2)

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

Spiral Review (4.0A.B.4, 4.NBT.B.5, 4.NBT.B.6, 4.NF.A.1)

- **3.** Santiago collects 435 cents in nickels. How many nickels does he collect?
- 4. Lisa has three classes that each last 50 minutes. What is the total number of minutes of the three classes?

- **5.** Alicia wrote these numbers: 2, 9, 15, 21. Which of Alicia's numbers is NOT a composite number?
- 6. Mrs. Carmel serves $\frac{6}{8}$ of a loaf of bread with dinner. Write a fraction with a denominator of 4 that is equivalent to $\frac{6}{8}$.

