

Name _____

Multiples of Unit Fractions

COMMON CORE STANDARD CC.4.NF.4a

Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

Write the fraction as a product of a whole number and a unit fraction.

1. $\frac{5}{6} = 5 \times \frac{1}{6}$ _____

2. $\frac{7}{8} =$ _____

3. $\frac{5}{3} =$ _____

4. $\frac{9}{10} =$ _____

5. $\frac{3}{4} =$ _____

6. $\frac{11}{12} =$ _____

7. $\frac{4}{6} =$ _____

8. $\frac{8}{20} =$ _____

9. $\frac{13}{100} =$ _____

List the next four multiples of the unit fraction.

10. $\frac{1}{5}$, _____, _____, _____, _____

11. $\frac{1}{8}$, _____, _____, _____, _____

Problem Solving  **REAL WORLD**

12. So far, Monica has read $\frac{5}{6}$ of a book. She has read the same number of pages each day for 5 days. What fraction of the book does Monica read each day?

13. Nicholas buys $\frac{3}{8}$ pound of cheese. He puts the same amount of cheese on 3 sandwiches. How much cheese does Nicholas put on each sandwich?

Lesson Check (CC.4.NF.4a)

- Selena walks from home to school each morning and back home each afternoon. Altogether, she walks $\frac{2}{3}$ mile each day. How far does Selena live from school?
 - $\frac{1}{3}$ mile
 - $\frac{2}{3}$ mile
 - $1\frac{1}{3}$ miles
 - 2 miles
- Will uses $\frac{3}{4}$ cup of olive oil to make 3 batches of salad dressing. How much oil does Will use for one batch of salad dressing?
 - $\frac{1}{4}$ cup
 - $\frac{1}{3}$ cup
 - $2\frac{1}{4}$ cups
 - 3 cups

Spiral Review (CC.4.OA.4, CC.4.NF.1, CC.4.NF.3b, CC.4.NF.3d)

- Liza bought $\frac{5}{8}$ pound of trail mix. She gives $\frac{1}{8}$ pound of trail mix to Michael. How much trail mix does Liza have left? (Lesson 7.5)
 - $\frac{1}{8}$ pound
 - $\frac{2}{8}$ pound
 - $\frac{3}{8}$ pound
 - $\frac{4}{8}$ pound
- Randy's house number is a composite number. Which of the following could be Randy's house number? (Lesson 5.5)
 - 29
 - 39
 - 59
 - 79
- Leigh has a piece of rope that is $6\frac{2}{3}$ feet long. How do you write $6\frac{2}{3}$ as a fraction greater than 1? (Lesson 7.6)
 - $\frac{11}{3}$
 - $\frac{15}{3}$
 - $\frac{20}{3}$
 - $\frac{62}{3}$
- Mindy buys 12 cupcakes. Nine of the cupcakes have chocolate frosting and the rest have vanilla frosting. What fraction of the cupcakes have vanilla frosting? (Lesson 6.3)
 - $\frac{1}{4}$
 - $\frac{1}{3}$
 - $\frac{2}{3}$
 - $\frac{3}{4}$