

Name _____

Multiples of Fractions

COMMON CORE STANDARD CC.4.NF.4b

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

List the next four multiples of the fraction.

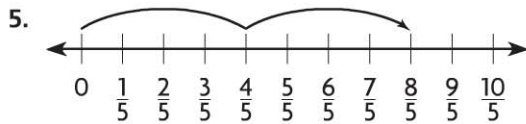
1. $\frac{3}{5}$, _____, _____, _____, _____

2. $\frac{2}{6}$, _____, _____, _____, _____

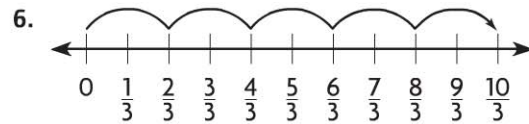
3. $\frac{4}{8}$, _____, _____, _____, _____

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

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



$2 \times \frac{4}{5} =$ _____



$5 \times \frac{2}{3} =$ _____

Problem Solving

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7. Jessica is making 2 loaves of banana bread. She needs $\frac{3}{4}$ cup of sugar for each loaf. Her measuring cup can only hold $\frac{1}{4}$ cup of sugar. How many times will Jessica need to fill the measuring cup in order to get enough sugar for both loaves of bread?

8. A group of four students is performing an experiment with salt. Each student must add $\frac{3}{8}$ teaspoon of salt to a solution. The group only has a $\frac{1}{8}$ -teaspoon measuring spoon. How many times will the group need to fill the measuring spoon in order to perform the experiment?

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

- Eloise made a list of some multiples of $\frac{5}{8}$. Which of the following lists could be Eloise's list?
 - (A) $\frac{5}{8}, \frac{10}{16}, \frac{15}{24}, \frac{20}{32}, \frac{25}{40}$
 - (B) $\frac{5}{8}, \frac{10}{8}, \frac{15}{8}, \frac{20}{8}, \frac{25}{8}$
 - (C) $\frac{5}{8}, \frac{6}{8}, \frac{7}{8}, \frac{8}{8}, \frac{9}{8}$
 - (D) $\frac{1}{8}, \frac{2}{8}, \frac{3}{8}, \frac{4}{8}, \frac{5}{8}$
- David is filling five $\frac{3}{4}$ -quart bottles with a sports drink. His measuring cup only holds $\frac{1}{4}$ quart. How many times will David need to fill the measuring cup in order to fill the 5 bottles?
 - (A) 5
 - (B) 10
 - (C) 15
 - (D) 20

Spiral Review (CC.4.NBT.6, CC.4.OA.3, CC.4.NF.3c, CC.NF.2)

- Ira has 128 stamps in his stamp album. He has the same number of stamps on each of the 8 pages. How many stamps are on each page? (Lesson 4.11)
 - (A) 12
 - (B) 14
 - (C) 16
 - (D) 18
- Tina buys $3\frac{7}{8}$ yards of material at the fabric store. She uses it to make a skirt. Afterward, she has $1\frac{3}{8}$ yards of the fabric leftover. How many yards of material did Tina use? (Lesson 7.7)
 - (A) $1\frac{4}{8}$ yards
 - (B) $2\frac{1}{8}$ yards
 - (C) $2\frac{4}{8}$ yards
 - (D) $5\frac{2}{8}$ yards
- Ryan is saving up for a bike that costs \$198. So far, he has saved \$15 per week for the last 12 weeks. How much more money does Ryan need in order to be able to buy the bike? (Lesson 3.7)
 - (A) \$8
 - (B) \$18
 - (C) \$48
 - (D) \$180
- Which list shows the fractions in order from **least** to **greatest**? (Lesson 6.8)
 - (A) $\frac{2}{3}, \frac{3}{4}, \frac{7}{12}$
 - (B) $\frac{7}{12}, \frac{3}{4}, \frac{2}{3}$
 - (C) $\frac{3}{4}, \frac{2}{3}, \frac{7}{12}$
 - (D) $\frac{7}{12}, \frac{2}{3}, \frac{3}{4}$