Name

# Lesson 6.1

## **Addition with Unlike Denominators**

#### COMMON CORE STANDARD CC.5.NF.2

Use equivalent fractions as a strategy to add and subtract fractions.

Use fraction strips to find the sum. Write your answer in simplest form.

1. 
$$\frac{1}{2} + \frac{3}{4}$$
  
 $\frac{1}{2} + \frac{3}{4} = \frac{2}{4} + \frac{3}{4} = \frac{5}{4}$ , or  $1\frac{1}{4}$ 

2. 
$$\frac{1}{3} + \frac{1}{4}$$

3. 
$$\frac{3}{5} + \frac{1}{2}$$

**4.** 
$$\frac{3}{8} + \frac{1}{2}$$

5. 
$$\frac{1}{4} + \frac{5}{8}$$

**6.** 
$$\frac{2}{3} + \frac{3}{4}$$

7. 
$$\frac{1}{2} + \frac{2}{5}$$

8. 
$$\frac{2}{3} + \frac{1}{2}$$

9. 
$$\frac{7}{8} + \frac{1}{2}$$

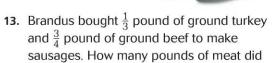
**10.** 
$$\frac{5}{6} + \frac{1}{3}$$

**11.** 
$$\frac{1}{5} + \frac{1}{2}$$

**12.** 
$$\frac{3}{4} + \frac{3}{8}$$

# Problem Solving REAL WORLD

he buy?



14. To make a ribbon and bow for a hat, Stacey needs  $\frac{5}{6}$  yard of black ribbon and  $\frac{2}{3}$  yard of red ribbon. How much total ribbon does she need?

# TEST

### Lesson Check (CC.5.NF.2)

- 1. Hirva ate  $\frac{5}{8}$  of a medium pizza. Elizabeth ate  $\frac{1}{4}$  of the pizza. How much pizza did they eat altogether?
  - **A**  $\frac{2}{4}$
  - **B**  $\frac{6}{12}$
  - $\bigcirc \frac{6}{8}$
  - ①  $\frac{7}{8}$

- **2.** Bill ate  $\frac{1}{4}$  pound of trail mix on his first break during a hiking trip. On his second break, he ate  $\frac{1}{6}$  pound. How many pounds of trail mix did he eat during both breaks?
  - $\bigcirc$   $\frac{5}{6}$  pound
  - $\bigcirc$   $\frac{5}{12}$  pound
  - $\bigcirc$   $\frac{1}{3}$  pound
  - $\bigcirc$   $\frac{1}{5}$  pound

## Spiral Review (CC.5.NBT.1, CC.5.NBT.2, CC.5.NBT.5, CC.5.NBT.6, CC.5.NBT.7)

- 3. In 782,341,693, which digit is in the ten thousands place? (Lesson 1.1)
  - **(A)** 2
  - **B** 4
  - © 8
  - **D** 9

- 4. Matt ran 8 laps in 1,256 seconds. If he ran each lap in the same amount of time, how many seconds did it take him to run 1 lap? (Lesson 1.9)
  - A 107 seconds
  - **B** 132 seconds
  - C 157 seconds
  - D 170 seconds
- 5. Gilbert bought 3 shirts for \$15.90 each, including tax. How much did he spend? (Lesson 4.3)
  - **A** \$5.30
  - **B** \$35.70
  - © \$37.70
  - **(D)** \$47.70

- **6.** Julia has 14 pounds of nuts. There are 16 ounces in one pound. How many ounces of nuts does she have? (Lesson 1.7)
  - A 224 ounces
  - **B** 124 ounces
  - © 98 ounces
  - (D) 30 ounces