

Name \_\_\_\_\_

**Add and Subtract Mixed Numbers**

COMMON CORE STANDARD CC.4.NF.3c

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

Find the sum. Write the sum as a mixed number, so the fractional part is less than 1.

1.  $6\frac{4}{5}$

$+3\frac{3}{5}$

$$\hline 9\frac{7}{5} = 10\frac{2}{5}$$

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

$+2\frac{1}{2}$

$$\hline$$

3.  $2\frac{2}{3}$

$+3\frac{2}{3}$

$$\hline$$

4.  $6\frac{4}{5}$

$+7\frac{4}{5}$

$$\hline$$

5.  $9\frac{3}{6}$

$+2\frac{2}{6}$

$$\hline$$

6.  $8\frac{4}{12}$

$+3\frac{6}{12}$

$$\hline$$

7.  $4\frac{3}{8}$

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

$$\hline$$

8.  $9\frac{5}{10}$

$+6\frac{3}{10}$

$$\hline$$

Find the difference.

9.  $6\frac{7}{8}$

$-4\frac{3}{8}$

$$\hline$$

10.  $4\frac{2}{3}$

$-3\frac{1}{3}$

$$\hline$$

11.  $6\frac{4}{5}$

$-3\frac{3}{5}$

$$\hline$$

12.  $7\frac{3}{4}$

$-2\frac{1}{4}$

$$\hline$$

**Problem Solving** REAL WORLD

13. James wants to send two gifts by mail. One package weighs  $2\frac{3}{4}$  pounds. The other package weighs  $1\frac{3}{4}$  pounds. What is the total weight of the packages?

\_\_\_\_\_

14. Tierra bought  $4\frac{3}{8}$  yards blue ribbon and  $2\frac{1}{8}$  yards yellow ribbon for a craft project. How much more blue ribbon than yellow ribbon did Tierra buy?

\_\_\_\_\_

### Lesson Check (CC.4.NF.3c)

- Brad has two lengths of copper pipe to fit together. One has a length of  $2\frac{5}{12}$  feet and the other has a length of  $3\frac{7}{12}$  feet. How many feet of pipe does he have in all?
 

(A) 5 feet                       (C)  $5\frac{10}{12}$  feet  
 (B)  $5\frac{6}{12}$  feet                 (D) 6 feet
- A pattern calls for  $2\frac{1}{4}$  yards of material and  $1\frac{1}{4}$  yards of lining. How much total fabric is needed?
 

(A)  $1\frac{2}{4}$  yards                 (C)  $3\frac{1}{4}$  yards  
 (B) 3 yards                     (D)  $3\frac{2}{4}$  yards

### Spiral Review (CC.4.OA.3, CC.4.NBT.4, CC.4.NBT.5, CC.4.NBT.6)

- Shanice has 23 baseball trading cards of star players. She agrees to sell them for \$16 each. How much will she get for the cards? (Lesson 3.3)

(A) \$258  
 (B) \$358  
 (C) \$368  
 (D) \$468
- Frieda has 12 red apples and 15 green apples. She is going to share the apples equally among 8 people and keep any extra apples for herself. How many apples will Frieda keep for herself? (Lesson 4.3)

(A) 3  
 (B) 4  
 (C) 6  
 (D) 7
- Nanci is volunteering at the animal shelter. She wants to spend an equal amount of time playing with each dog. She has 145 minutes to play with all 7 dogs. About how much time can she spend with each dog? (Lesson 4.1)

(A) about 10 minutes  
 (B) about 20 minutes  
 (C) about 25 minutes  
 (D) about 26 minutes
- The Lynch family bought a house for \$75,300. A few years later, they sold the house for \$80,250. How much greater was the selling price than the purchase price? (Lesson 1.8)

(A) \$4,950  
 (B) \$5,050  
 (C) \$5,150  
 (D) \$5,950