

Name \_\_\_\_\_

## Record Subtraction with Renaming

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 difference.

$$\begin{array}{r} 1. \quad 5\frac{1}{3} \rightarrow 4\frac{4}{3} \\ -3\frac{2}{3} \rightarrow 3\frac{2}{3} \\ \hline 1\frac{2}{3} \end{array}$$

$$\begin{array}{r} 2. \quad 6 \\ -3\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5\frac{1}{4} \\ -2\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 9\frac{3}{8} \\ -8\frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 12\frac{3}{10} \\ -7\frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 8\frac{1}{6} \\ -3\frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 7\frac{3}{5} \\ -4\frac{4}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 10\frac{1}{2} \\ -8\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 7\frac{1}{6} \\ -2\frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 9\frac{3}{12} \\ -4\frac{7}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 9\frac{1}{10} \\ -8\frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 9\frac{1}{3} \\ -\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 3\frac{1}{4} \\ -1\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 4\frac{5}{8} \\ -1\frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 5\frac{1}{12} \\ -3\frac{8}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 7 \\ -1\frac{3}{5} \\ \hline \end{array}$$

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### Problem Solving

REAL WORLD

17. Alicia buys a 5-pound bag of rocks for a fish tank. She uses  $1\frac{1}{8}$  pounds for a small fish bowl. How much is left?

\_\_\_\_\_

18. Xavier made 25 pounds of roasted almonds for a fair. He has  $3\frac{1}{2}$  pounds left at the end of the fair. How many pounds of roasted almonds did he sell at the fair?

\_\_\_\_\_

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

- Reggie is making a double-layer cake. The recipe for the first layer calls for  $2\frac{1}{4}$  cups sugar. The recipe for the second layer calls for  $1\frac{1}{4}$  cups sugar. Reggie has 5 cups of sugar. How much will he have left after making both recipes?
 

(A)  $1\frac{1}{4}$  cups      (C)  $2\frac{1}{4}$  cups  
 (B)  $1\frac{2}{4}$  cups      (D)  $2\frac{2}{4}$  cups
- Kate has  $4\frac{3}{8}$  yards of fabric and needs  $2\frac{7}{8}$  yards to make a skirt. How much extra fabric will she have left after making the skirt?
 

(A)  $2\frac{4}{8}$  yards      (C)  $1\frac{4}{8}$  yards  
 (B)  $2\frac{2}{8}$  yards      (D)  $1\frac{2}{8}$  yards

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

- Paulo has 128 glass beads to use to decorate picture frames. He wants to use the same number of beads on each frame. If he decorates 8 picture frames, how many beads will he put on each frame? (Lesson 4.8)

(A) 6  
 (B) 7  
 (C) 14  
 (D) 16
- A shuttle bus makes 4 round-trips between two shopping centers each day. The bus holds 24 people. If the bus is full on each one-way trip, how many passengers are carried by the bus each day? (Lesson 2.10)

(A) 96  
 (B) 162  
 (C) 182  
 (D) 192
- Madison is making party favors. She wants to make enough favors so each guest gets the same number of favors. She knows there will be 6 or 8 guests at the party. What is the least number of party favors Madison should make? (Lesson 5.4)

(A) 18  
 (B) 24  
 (C) 30  
 (D) 32
- To make a fruit salad, Marvin mixes  $1\frac{3}{4}$  cups of diced peaches with  $2\frac{1}{4}$  cups of diced pears. How many cups of peaches and pears are in the fruit salad? (Lesson 7.7)

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