

Lesson 7.5

Name _____

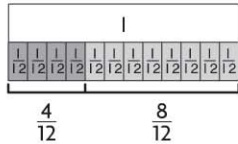
Add and Subtract Fractions

COMMON CORE STANDARDS CC.4.NF.3d

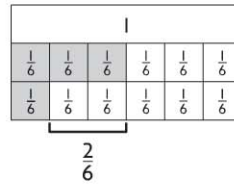
Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

Find the sum or difference.

1. $\frac{4}{12} + \frac{8}{12} = \frac{12}{12}$



2. $\frac{3}{6} - \frac{1}{6} =$ _____



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

4. $\frac{6}{10} + \frac{3}{10} =$ _____

5. $1 - \frac{3}{8} =$ _____

6. $\frac{1}{4} + \frac{2}{4} =$ _____

7. $\frac{9}{12} - \frac{5}{12} =$ _____

8. $\frac{5}{6} - \frac{2}{6} =$ _____

9. $\frac{2}{3} + \frac{1}{3} =$ _____

Problem Solving



Use the table for 10 and 11.

10. Guy finds how far his house is from several locations and makes the table shown. How much farther away from Guy's house is the library than the cafe?

11. If Guy walks from his house to school and back, how far does he walk?

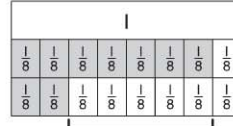
Distance from Guy's House	
Location	Distance (in miles)
Library	$\frac{9}{10}$
School	$\frac{5}{10}$
Store	$\frac{7}{10}$
Cafe	$\frac{4}{10}$
Yogurt Shop	$\frac{6}{10}$

Lesson Check (CC.4.NF.3d)

1. Mr. Angulo buys $\frac{5}{8}$ pound of red grapes and $\frac{3}{8}$ pound of green grapes. How many pounds of grapes did Mr. Angulo buy in all?

- (A) $\frac{1}{8}$ pound
- (B) $\frac{2}{8}$ pound
- (C) 1 pound
- (D) 2 pounds

2. Which equation does the model below represent?



- (A) $\frac{7}{8} + \frac{2}{8} = \frac{9}{8}$
- (B) $\frac{5}{8} - \frac{2}{8} = \frac{3}{8}$
- (C) $\frac{8}{8} - \frac{5}{8} = \frac{3}{8}$
- (D) $\frac{7}{8} - \frac{2}{8} = \frac{5}{8}$

Spiral Review (CC.4.OA.3, CC.4.NBT.5, CC.4.NF.3d)

3. There are 6 muffins in a package. How many packages will be needed to feed 48 people if each person has 2 muffins?
(Lesson 4.12)

- (A) 4
- (B) 8
- (C) 16
- (D) 24

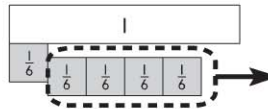
4. Camp Oaks gets 32 boxes of orange juice and 56 boxes of apple juice. Each shelf in the cupboard can hold 8 boxes of juice. What is the least number of shelves needed for all the juice boxes?
(Lesson 4.12)

- (A) 4
- (B) 7
- (C) 11
- (D) 88

5. A machine makes 18 parts each hour. If the machine operates 24 hours a day, how many parts can it make in one day?
(Lesson 3.6)

- (A) 302
- (B) 332
- (C) 362
- (D) 432

6. Which equation does the model below represent?
(Lesson 7.4)



- (A) $\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$
- (B) $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$
- (C) $\frac{5}{5} - \frac{4}{5} = \frac{1}{5}$
- (D) $\frac{6}{6} - \frac{4}{6} = \frac{2}{6}$