

Name \_\_\_\_\_

## Chapter 6 Extra Practice

### Lessons 6.1 - 6.2

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

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

2.  $\frac{7}{10} - \frac{3}{5}$

3.  $\frac{1}{9} + \frac{5}{6}$

4.  $\frac{3}{4} - \frac{5}{8}$

### Lesson 6.3

Estimate the sum or difference.

1.  $\frac{6}{10} + \frac{7}{12}$

2.  $\frac{5}{12} + \frac{7}{8}$

3.  $1\frac{3}{8} - \frac{8}{9}$

### Lesson 6.4

Use a common denominator to write an equivalent fraction for each fraction.

1.  $\frac{1}{2}, \frac{1}{3}$

Common denominator: \_\_\_\_\_

\_\_\_\_\_

2.  $\frac{7}{8}, \frac{3}{10}$

Common denominator: \_\_\_\_\_

\_\_\_\_\_

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

Common denominator: \_\_\_\_\_

\_\_\_\_\_

Use the least common denominator to write an equivalent fraction for each fraction.

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

\_\_\_\_\_

5.  $\frac{1}{2}, \frac{1}{8}$

\_\_\_\_\_

6.  $\frac{3}{5}, \frac{2}{7}$

\_\_\_\_\_

## Lessons 6.5 - 6.7

Find the sum or difference. Write your answer in simplest form.

1.  $\frac{7}{8} - \frac{5}{6}$

2.  $5 - 2\frac{4}{5}$

3.  $3\frac{1}{4} + 1\frac{7}{8}$

4.  $6\frac{9}{10} - 5\frac{4}{5}$

5.  $\frac{1}{3} + \frac{4}{15}$

6.  $1\frac{1}{3} + \frac{2}{5}$

7.  $2\frac{3}{8} + 8\frac{5}{6}$

8.  $9\frac{1}{4} - 2\frac{5}{8}$

## Lesson 6.8

1. On the first day of the play, the auditorium was  $\frac{1}{3}$  full, the second day it was  $\frac{5}{12}$  full, and on the third day it was  $\frac{1}{2}$  full. If this pattern continues, how full will it be on the fourth day?
2. Jake set up a study schedule. The plan called for him to study  $\frac{1}{4}$  hour,  $\frac{5}{8}$  hour, and 1 hour on Monday, Tuesday, and Wednesday in that order. If he continues with this pattern, how long will he study on Friday?

## Lesson 6.9

1. Sierra spent  $\frac{2}{3}$  of her earnings on clothes and  $\frac{1}{5}$  on school supplies. She saved the rest. What fraction of her earnings did she save?
2. Noah made  $1\frac{1}{2}$  dozen blueberry muffins and  $1\frac{3}{4}$  dozen lemon muffins. He needs to take 5 dozen muffins to the bake sale. How many dozen more muffins does he need to bake?

## Lesson 6.10

Use the properties and mental math to solve. Write your answer in simplest form.

1.  $\left(\frac{4}{5} + \frac{2}{3}\right) + \frac{1}{5}$

2.  $1\frac{1}{4} + \left(\frac{3}{4} + \frac{2}{7}\right)$

3.  $\left(\frac{1}{6} + \frac{4}{5}\right) + \frac{5}{6}$