

NAME: \_\_\_\_\_

PERIOD: \_\_\_\_\_

LESSON  
3-6

**Review Lessons 3.6, 3.7, 3.8**

*Estimating with Fractions (pgs. 170-171)*

Estimate each sum or difference.

1.  $\frac{5}{11} + \frac{4}{9}$

\_\_\_\_\_

2.  $\frac{16}{13} + \frac{8}{9}$

\_\_\_\_\_

3.  $\frac{9}{10} - \frac{4}{9}$

\_\_\_\_\_

4.  $1\frac{5}{8} - \frac{4}{7}$

\_\_\_\_\_

5.  $3\frac{7}{8} + \left(-\frac{2}{5}\right)$

\_\_\_\_\_

6.  $\frac{8}{9} - \frac{1}{12}$

\_\_\_\_\_

Estimate each product or quotient.

7.  $12\frac{2}{5} \div 5\frac{3}{4}$

\_\_\_\_\_

8.  $7\frac{7}{8} \cdot 4\frac{3}{5}$

\_\_\_\_\_

9.  $5\frac{1}{6} \cdot 3\frac{2}{9}$

\_\_\_\_\_

10.  $23\frac{7}{10} \div 4\frac{2}{5}$

\_\_\_\_\_

11.  $17\frac{11}{12} \div 8\frac{5}{9}$

\_\_\_\_\_

12.  $8\frac{7}{12} \cdot 6\frac{9}{10}$

\_\_\_\_\_

13. A hallway has a length of  $15\frac{3}{4}$  feet and a width of  $4\frac{1}{12}$  feet.

Estimate the area of the hallway in square feet.

\_\_\_\_\_

14. A 6-week old puppy weighed  $8\frac{7}{16}$  pounds. At 12 weeks of age, the same puppy weighed about  $17\frac{3}{8}$  pounds. Estimate how much weight the puppy gained between the ages of 6 weeks and 12 weeks.

\_\_\_\_\_

Section 3-7 and 3-8 on back!



## LESSON

## 3-7

***Adding and Subtracting Fractions (pgs. 176-177)***

Add or subtract. Write each answer in simplest form.

15.  $\frac{11}{12} + \frac{5}{6}$

16.  $\frac{7}{8} - \frac{5}{12}$

17.  $\frac{9}{10} + \frac{5}{6}$

18.  $\frac{2}{5} - \frac{7}{8}$

19.  $\frac{5}{6} + \frac{11}{15}$

20.  $\frac{3}{4} - \frac{8}{15}$

21. The school track is  $\frac{7}{8}$  mile in length. Sherri ran  $\frac{2}{3}$  mile. How much farther does she have to go to get all the way around the track?

22. The Millers budget  $\frac{1}{2}$  of their income for fixed expenses and  $\frac{1}{8}$  of their income for savings. What fraction of their income is left?

## LESSON

## 3-8

***Adding and Subtracting Mixed Numbers (pgs. 180-181)***

Add or subtract. Write each answer in simplest form.

23.  $5\frac{9}{10} + 2\frac{5}{8}$

24.  $2\frac{11}{12} + 3\frac{7}{8}$

25.  $1\frac{2}{3} + 5\frac{7}{9}$

26.  $8\frac{7}{12} - 6\frac{1}{3}$

27.  $5\frac{7}{8} - 3\frac{9}{10}$

28.  $7\frac{6}{7} - 6\frac{3}{4}$

29. Tucker ran  $5\frac{3}{8}$  miles on Monday and  $3\frac{3}{4}$  miles on Tuesday.  
How far did he run on both days? \_\_\_\_\_

30. The men's indoor pole vault record in 1993 was  $20\frac{1}{6}$  feet.

The women's record in 2001 was  $15\frac{5}{12}$  feet. How much higher was the men's record than the women's record? \_\_\_\_\_