

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. $2\frac{5}{12} + 3\frac{1}{8}$

24. $2\frac{3}{4} + 5\frac{5}{6}$

25. $\frac{2}{3} + 2\frac{5}{8}$

26. $7\frac{3}{4} - 4\frac{5}{6}$

27. $8\frac{3}{8} - 4\frac{3}{4}$

28. $9\frac{1}{6} - 6\frac{3}{4}$

29. Samson bicycled $8\frac{7}{8}$ miles on Friday and $5\frac{1}{4}$ miles on Saturday.
How much farther did he ride on Friday? _____

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?
