LESSON	**Chapter 5 Review**
5-1	*Least Common Multiple*

Find the least common multiple (LCM).

1. 2 and 5

2. 4 and 3

3. 6 and 4

4. 6 and 8

5. 5 and 9

6. 4 and 5

7. Mr. Stevenson is ordering shirts and hats for his Boy Scout troop. There are 45 scouts in the troop. Hats come in packs of 3, and shirts come in packs of 5. What is the least number of packs of each he should order so that each scout will have 1 hat and 1 shirt, and none will be left over?

8. Tony wants to make 36 party bags. Glitter pens come in packs of 6. Stickers come in sheets of 4, and balls come in packs of 3. What is the least number of each package he should buy to have 1 of each item in every party bag, and no supplies left over?

LESSON	
5-2	*Adding and Subtracting with Unlike Denominators*

Evaluate. Write each answer in simplest form.

9. $\frac{11}{12} + \frac{3}{5}$

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

11. $\frac{5}{6} + \frac{3}{10}$

12. $\frac{3}{4} - \frac{3}{14}$

13. $\frac{1}{2} + \frac{5}{17}$

14. $\frac{4}{5} - \frac{2}{9}$

15. At the frog-jumping contest, Trevor's frog jumped $\frac{5}{6}$ foot and then $\frac{5}{9}$ foot. Mei's frog jumped $\frac{4}{5}$ foot and then $\frac{1}{2}$ foot. Whose frog jumped the farthest in all? How much farther?

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

16. $22\frac{5}{6} - 17\frac{1}{4}$

17. $32\frac{4}{7} - 14\frac{1}{3}$

18. $12\frac{1}{4} + 5\frac{1}{12}$

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19. $29\frac{1}{3} - 14\frac{1}{6}$

20. $5\frac{3}{4} - 1\frac{7}{11}$

21. $21\frac{1}{6} + 1\frac{3}{8}$

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22. $6\frac{3}{4} - 3\frac{3}{10}$

23. $4\frac{4}{5} + 2\frac{1}{10}$

24. $32\frac{1}{2} + 5\frac{1}{3}$

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25. Donald is making a party mix. He bought $2\frac{1}{4}$ pounds of pecans and $3\frac{1}{5}$ pounds of walnuts. How many pounds of nuts did Donald buy in all? _____

26. Mrs. Watson's cookie recipe calls for $3\frac{4}{7}$ cups of sugar.

Mr. Clark's cookie recipe calls for $4\frac{2}{3}$ cups of sugar.

How much more sugar does Mr. Clark's recipe use? _____

27. Tasha's cat weighs $15\frac{5}{12}$ lb. Naomi's cat weighs $11\frac{1}{3}$ lb. Can they bring both of their cats to the vet in a carrier that can hold up to 27 pounds? Explain.

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