Name _____ Date _____ Class _____

LESSON 5-6

Fraction Multiplication REVIEW

Multiplying Fractions by Whole Numbers

Multiply. Write each answer in simplest form.

1. $5 \cdot \frac{1}{10}$ _____

2. $6 \cdot \frac{1}{18}$ _____

3. $4 \cdot \frac{1}{14}$ _____

4. $3 \cdot \frac{1}{12}$ _____

5. $2 \cdot \frac{1}{8}$ _____

6. $6 \cdot \frac{1}{10}$ _____

7. $3 \cdot \frac{1}{6}$ _____

8. $3 \cdot \frac{5}{12}$ _____

9. $3 \cdot \frac{2}{7}$ _____

10. Thomas spends 60 minutes exercising. For $\frac{1}{4}$ of that time, he jumps rope. How many minutes does he spend jumping rope?

_____

11. Kylie made a 4-ounce milk shake. Two-thirds of the milk shake was ice cream. How many ounces of ice cream did Kylie use in the shake?

_____

LESSON 5-7

Multiplying Fractions

Multiply. Write each answer in simplest form.

12. $\frac{3}{8} \cdot \frac{4}{5}$ _____

13. $\frac{5}{8} \cdot \frac{3}{9}$ _____

14. $\frac{6}{7} \cdot \frac{5}{6}$ _____

15. $\frac{8}{9} \cdot \frac{9}{11}$ _____

16. $\frac{5}{12} \cdot \frac{6}{7}$ _____

17. $\frac{7}{9} \cdot \frac{3}{8}$ _____

18. $\frac{14}{15} \cdot \frac{5}{7}$ _____

19. $\frac{7}{8} \cdot \frac{2}{9}$ _____

20. $\frac{4}{5} \cdot \frac{7}{9} \cdot \frac{1}{7}$ _____

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21. A cookie recipe calls for $\frac{2}{3}$ cup of brown sugar. Jesse is making $\frac{1}{4}$ of the recipe. How much brown sugar will he need?

_____

22. Nancy spent $\frac{7}{8}$ hour working out at the gym. She spent $\frac{5}{7}$ of that time lifting weights. What fraction of an hour did she spend lifting weights?

_____

LESSON 5-8

Multiplying Mixed Numbers

Multiply. Write each answer in simplest form.

23. $\frac{5}{9} \cdot 2\frac{2}{7}$ _____

24. $1\frac{11}{12} \cdot \frac{6}{7}$ _____

25. $2\frac{4}{9} \cdot \frac{7}{8}$ _____

26. $3\frac{2}{3} \cdot \frac{3}{5}$ _____

27. $\frac{13}{14} \cdot 1\frac{3}{4}$ _____

28. $2\frac{3}{10} \cdot \frac{5}{6}$ _____

Find each product. Write the answer in simplest form.

29. $\frac{10}{11} \cdot 3\frac{3}{7} \cdot 2$ _____

30. $2\frac{4}{7} \cdot \frac{4}{5} \cdot 1\frac{1}{2}$ _____

31. $\frac{9}{12} \cdot 2\frac{3}{5} \cdot 3\frac{1}{4}$ _____

32. $6\frac{1}{5} \cdot 10 \cdot 3\frac{4}{5}$ _____

33. $1\frac{7}{9} \cdot \frac{2}{5} \cdot 5\frac{1}{10}$ _____

34. $2\frac{6}{7} \cdot 1\frac{8}{9} \cdot \frac{7}{8}$ _____

35. A train travels at $110\frac{3}{10}$ miles per hour. At this rate, how far will the train travel in $2\frac{1}{2}$ hours?