Lesson 5.7 ~ Multiplying and Dividing Mixed Numbers

Name_____ Period_____ Date_____

Find each product.

1. $3\frac{1}{4} \times 4$

2. $1\frac{3}{4} \times 1\frac{1}{3}$

3. $2\frac{2}{5} \times 1\frac{3}{7}$

4. $4\frac{4}{9} \times 4\frac{1}{5}$

5. $6\frac{1}{3} \times 5$

6. $1\frac{7}{8} \times 3\frac{3}{5}$

7. A secretary found that the office used $1\frac{1}{5}$ bottles of ink toner for their copy machines each month. If the office used this amount for the 12 months of the year, how many bottles of ink toner would they use?

8. Tanner made $5\frac{1}{4}$ batches of fresh salsa. If he used $1\frac{2}{3}$ quarts of diced tomatoes for each batch, how many quarts of diced tomatoes would he use?

Find each quotient.

9. $9\frac{1}{3} \div 4$

10. $6\frac{1}{8} \div 2\frac{3}{4}$

11. $4\frac{2}{5} \div \frac{3}{4}$

12. $5\frac{5}{6} \div 1\frac{2}{3}$

13. $7\frac{1}{4} \div \frac{2}{3}$

14. $5 \div 2\frac{1}{3}$

15. Bryson built a moat around his block castle out of large blocks. Each block was $6\frac{1}{2}$ inches long. The moat measured $123\frac{1}{2}$ inches in length. How many blocks did he use?

16. Solon built a lean-to to protect his garden tools. The lean-to wall measured $70\frac{1}{8}$ inches long. Each board he used was $4\frac{1}{4}$ inches wide. How many boards did he use?