Lesson 5.6 ~ Multiplying and Dividing Fractions and Whole Numbers

Name_____   Period_____   Date_____

Find each product.

1. $\dfrac{1}{8} \times 24$

2. $\dfrac{2}{9} \times 18$

3. $\dfrac{4}{7} \times 21$

4. $\dfrac{4}{5} \times 19$

5. $\dfrac{5}{6} \times 14$

6. $\dfrac{1}{3} \times 16$

7. Mallory won $\frac{2}{3}$ of the six grand prize ribbons awarded at the local fair for showing rabbits. How many grand prize ribbons did Mallory win?

8. A substitute teacher wanted to correct the 32 spelling tests in a classroom. Before she left, she corrected $\frac{4}{5}$ of the spelling tests. How many spelling tests were corrected?

Find each quotient.

9. $9 \div \dfrac{3}{4}$

10. $15 \div \dfrac{1}{2}$

11. $14 \div \dfrac{2}{5}$

12. $21 \div \dfrac{4}{5}$

13. $4 \div \dfrac{6}{7}$

14. $2 \div \dfrac{5}{6}$

15. Addison bought 2 cakes. She cut it into enough slices so that each person at her party could have $\frac{1}{8}$ of a cake. How many people did she serve?

16. Darrin had 7 green peppers to make chicken kabobs for a dinner with all of his friends. Each kabob uses $\frac{3}{8}$ of a green pepper. How many kabobs can Darrin make?