Chapter 7 Extra Practice

Lesson 7.1

Use a model to solve.

1. $\frac{2}{5} \times 10 =$ _____

2. $\frac{1}{4} \times 24 =$ _____

3. $\frac{3}{7} \times 28 =$ _____

4. $\frac{4}{9} \times 18 =$ _____

5. $\frac{2}{3} \times 21 =$ _____

6. $\frac{4}{11} \times 22 =$ _____

Lessons 7.2 - 7.4, 7.6

Find the product. Write the product in simplest form.

1. $\frac{3}{7} \times 9 =$ _____

2. $8 \times \frac{1}{5} =$ _____

3. $\frac{4}{9} \times 11 =$ _____

4. $2 \times \frac{2}{5} =$ _____

5. $\frac{3}{4} \times 5 =$ _____

6. $3 \times \frac{6}{8} =$ _____

7. $\frac{1}{3} \times \frac{4}{5} =$ _____

8. $\frac{2}{7} \times \frac{3}{8} =$ _____

9. $\frac{4}{9} \times \frac{1}{3} =$ _____

10. $3 \times \frac{1}{9} =$ _____

11. $\frac{5}{7} \times \frac{5}{9} =$ _____

12. $\frac{1}{8} \times \frac{2}{4} =$ _____

13. At the aquarium, $\frac{3}{4}$ of the animals are fish. Of the fish, $\frac{1}{3}$ are clown fish. What fraction of the animals at the aquarium are clown fish?

14. Four hamburgers each contain $\frac{1}{5}$ pound of beef. Altogether, how much beef do the hamburgers contain?

_____

_____

Lessons 7.5, 7.8

Complete the statement with *equal to*, *greater than*, or *less than*.

1. $\frac{3}{7} \times \frac{4}{9}$ will be _____ than $\frac{4}{9}$.

2. $6 \times \frac{5}{7}$ will be _____ than $\frac{5}{7}$.

3. $\frac{3}{3} \times 5\frac{1}{9}$ will be _____ than $5\frac{1}{9}$.

4. $7 \times 2\frac{5}{9}$ will be _____ than $2\frac{5}{9}$.

Lesson 7.9

Find the product. Write the product in simplest form.

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

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

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

4. $3\frac{2}{5} \times 1\frac{2}{3}$

_____   _____   _____   _____

5. $2\frac{3}{5} \times 3\frac{1}{8}$

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

7. $2\frac{3}{5} \times 9\frac{1}{2}$

8. $1\frac{1}{4} \times 8\frac{2}{3}$

_____   _____   _____   _____

Use the Distributive Property to find the product.

9. $15 \times 3\frac{1}{5}$ _____

10. $2\frac{3}{7} \times 21$ _____

Lesson 7.10

1. Gabriella wants to tile a room with an area of 320 square feet. The width of the room is $\frac{4}{5}$ its length. What are the length and width of the room?

2. Akio wants to make a scale drawing that is $\frac{1}{5}$ the size of an original painting. A ship in the original painting is 14 inches long. How long will the ship in Akio's drawing be?

_____   _____