Name _____

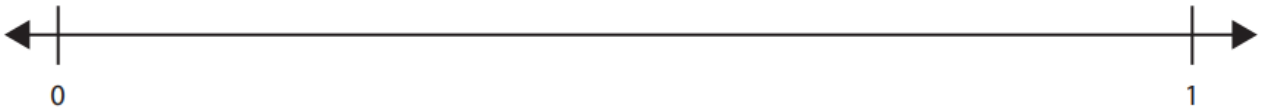
Unit 7 Post Assessment Review: Extending Multiplication & Fractions

1. Label each of the marks on the following number line:

2. Use your ruler to help **divide this strip into 8 equal parts**. **Color in the first part** and **label it** to show what fraction of the strip you colored in.

3. Use your ruler to help **divide this strip into 8 equal parts. Color in the first two parts**, and **write two different fractions** to show how much of the strip you have colored in.

4. **Find and label the point where $\frac{4}{6}$ belongs along this number line**. Mark and label at least two other points along the line to help figure out exactly where the fraction belongs.



5. Fill in each blank with **<, >, or =**

a. $\frac{4}{5}$ ☐ $\frac{1}{5}$

b. $\frac{1}{4}$ ☐ $\frac{3}{4}$

c. $\frac{2}{4}$ ☐ $\frac{3}{6}$

d. $\frac{2}{2}$ ☐ $\frac{1}{3}$

6. Circle **true or false** for each statement:

   a. $\frac{4}{8} = \frac{1}{2}$ True or False

   b. $\frac{2}{4} = \frac{5}{8}$ True or False

   c. $\frac{5}{5} = 1$ True or False

7. Taylor ate $\frac{1}{6}$ of a brownie. Devonna ate $\frac{1}{5}$ of the same brownie. Taylor says she ate more of the brownie than Devonna because 6 is more than 5. **Do you agree with Taylor? Use labeled sketches and numbers to explain your answer.**

8. Markus and Kyle each got the same size twizzler. Markus ate $\frac{2}{4}$ of his and Kyle ate $\frac{3}{6}$ of his. **Shade in and label each rectangle** to show how much of the twizzler each boy ate.

Markus:

Kyle:

Who ate more? _____

9. Ms. Kershaw and Ms. Valerio are arranging chairs for the faculty lunch. They put 4 chairs at each of the 7 small tables, and 10 chairs at the big table. How many chairs in all?
    a. Use numbers, labeled sketches, or words to solve this problem. Show all your work.

Ms. Kershaw and Ms. Valerio arranged _____ chairs in all.

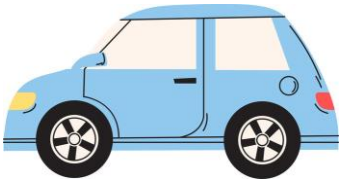
b. Write an **equation** to represent the problem:

_____

10. There were 210 kids at school waiting to go home. Eight cars came and took 5 kids each. How many kids were still waiting to go home?
    a. Write an **equation** to represent the problem:

       _____

    b. Use numbers, labeled sketches, or words to solve this problem. Show all your work.

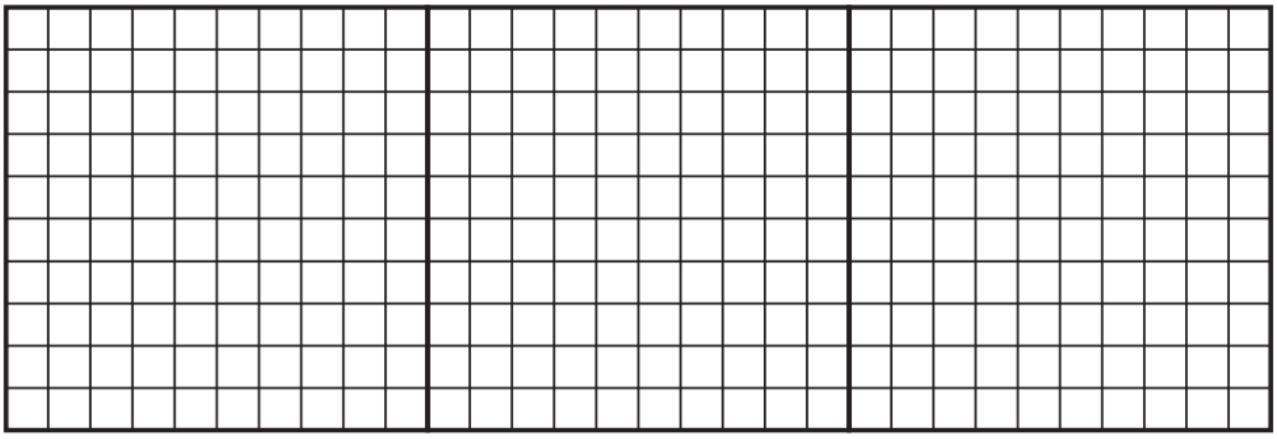


_____ kids were still waiting to go home.

11. **Multiply** the following:

    50 x 3 = _____ 40 X 5 = _____ 70 X 2 = _____ 30 X 8 = _____

12. Use the base ten grid below to **sketch and solve 7 x 19**. Show all your work.



7 x 19 = _____

13. Circle **true or false** for each statement:
    a. (4 x 5) x 3 = 4 x (3 x 5) True or False

b. $7 \times 9 = (7 \times 3) + (7 \times 6)$ True or False

c. $2 \times 50 = 3 \times (5 \times 10)$ True or False

d. $(2 \times 6) \times 3 = 2 \times (4 \times 3)$ True or False