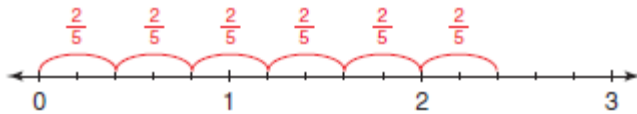


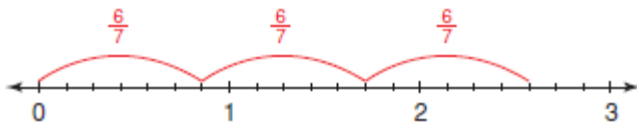
3.1

1. Write the multiplication equation each number line represents.

a)



b)



2. Multiply. Draw a picture or a number line to show each product.

a) $\frac{1}{3} \times 3$ b) $7 \times \frac{1}{2}$ c) $8 \times \frac{2}{5}$

3. Solve each problem.

- a) There are 30 students in a class.
Three-fifths of the students are girls.
How many girls are in the class?
- b) Six glasses are $\frac{2}{3}$ full. How many
full glasses could be made?
- c) There are 75 cars in the parking lot
of a car dealership. Two-thirds of
the cars are new. How many of the
cars are new?
- d) One serving is $\frac{1}{12}$ of a cake.
How many cakes are needed for
18 servings?

3. Find each product and quotient.

a) $\frac{1}{4} \times 28$ b) $\frac{3}{8} \times \frac{1}{2}$ c)