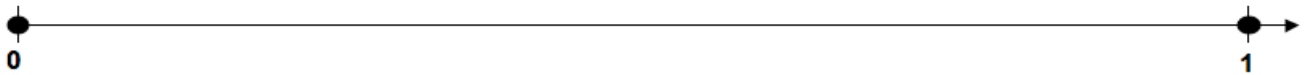


## Bubble Gum Task

Four friends each bought a roll of bubble gum tape. Carlos chewed  $\frac{3}{4}$  of his gum. Helen chewed  $\frac{5}{6}$  of her gum. Jamal chewed  $\frac{6}{8}$  of his gum. Lizbeth chewed  $\frac{3}{5}$  of her gum.

1. Use the number line below to illustrate:
  - Which friend chewed the most gum?
  - Which friend chewed the smallest piece?
  - Which 2 friends chewed the same sized piece?



2. Explain how you can use  $\frac{3}{4}$  to help you determine which value is greater,  $\frac{5}{6}$  or  $\frac{3}{5}$ , if each fraction refers to the same whole.
3. Explain why  $\frac{a}{b} = (\frac{a}{b}) \times (\frac{n}{n})$  and connect this equation to a visual diagram.

Adapted from: Schifter, D., Bastable, V., & Russell, S. J. (1999). *Developing mathematical ideas: Making meaning for operations*. Parsippany, NJ: Dale Seymour.