## Vocabulary: Beam to Moon

## Vocabulary

- Proportion - an equation that shows two equivalent ratios.
- For example, $\frac{1}{2}=\frac{4}{8}$ is a proportion because the two ratios are equal.
- Proportional - having the same or constant ratio.
- For example, the dimensions of the rectangles below are proportional.

$\frac{\text { length of smallrectangle }}{\text { width of smallrectangle }}=\frac{\text { length of large rectangle }}{\text { width of large rectangle }}$, or $\frac{2}{5}=\frac{4}{10}$.
- Ratio - a comparison between two things by division.
- For example, if there are 3 goldfish in a tank of 5 fish total, then the ratio of goldfish to total fish can be written as 3 to $5,3: 5$, or $\frac{3}{5}$.

