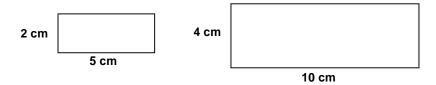


Vocabulary: Beam to Moon

Vocabulary

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



 $\frac{length \, of \, small rectangle}{width \, of \, small rectangle} = \frac{length \, of \, large \, rectangle}{width \, of \, large \, rectangle} \, , \, or \, \frac{2}{5} \, = \, \frac{4}{10} \, .$

- Ratio a comparison between two things by division.
 - \circ 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 $\frac{3}{5}$.