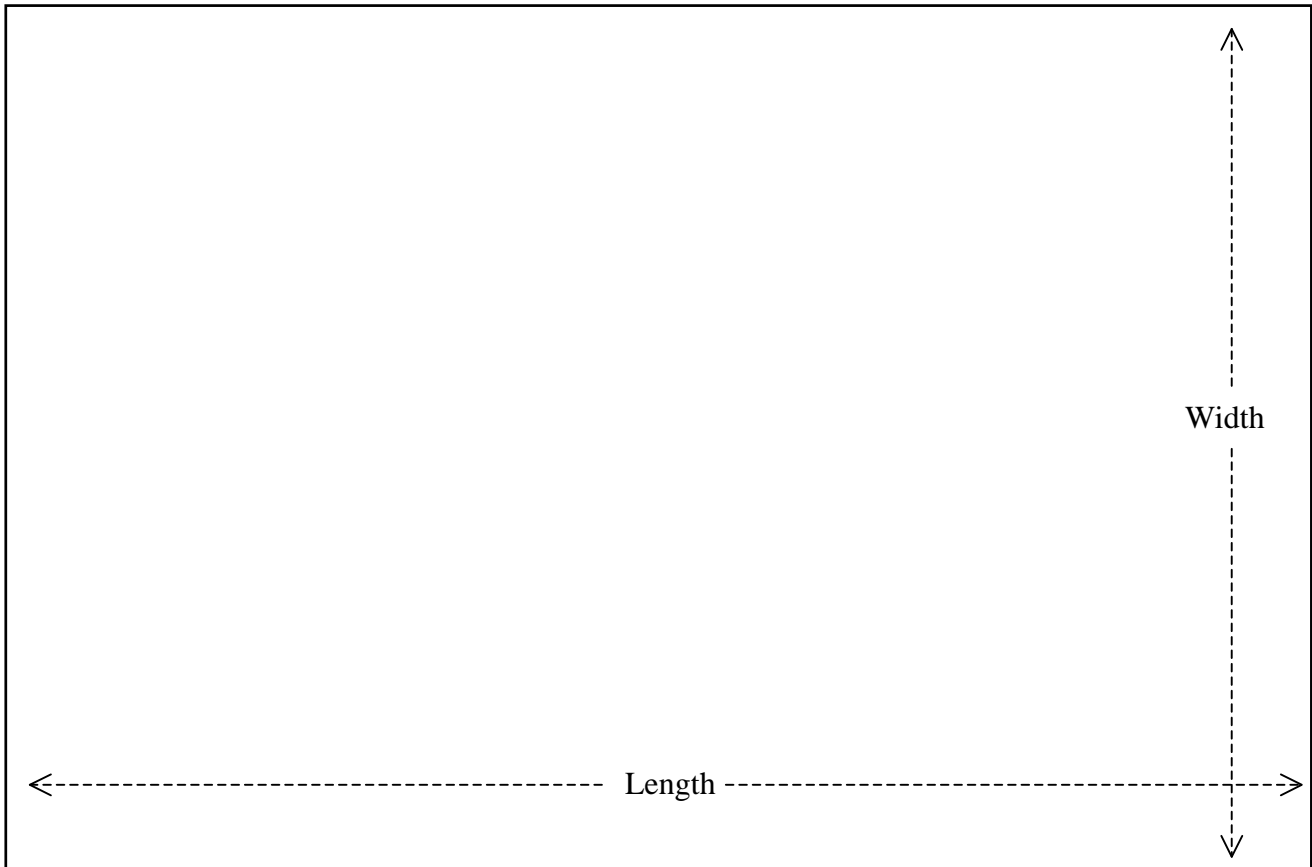


# Rectangle Measure

NAME \_\_\_\_\_

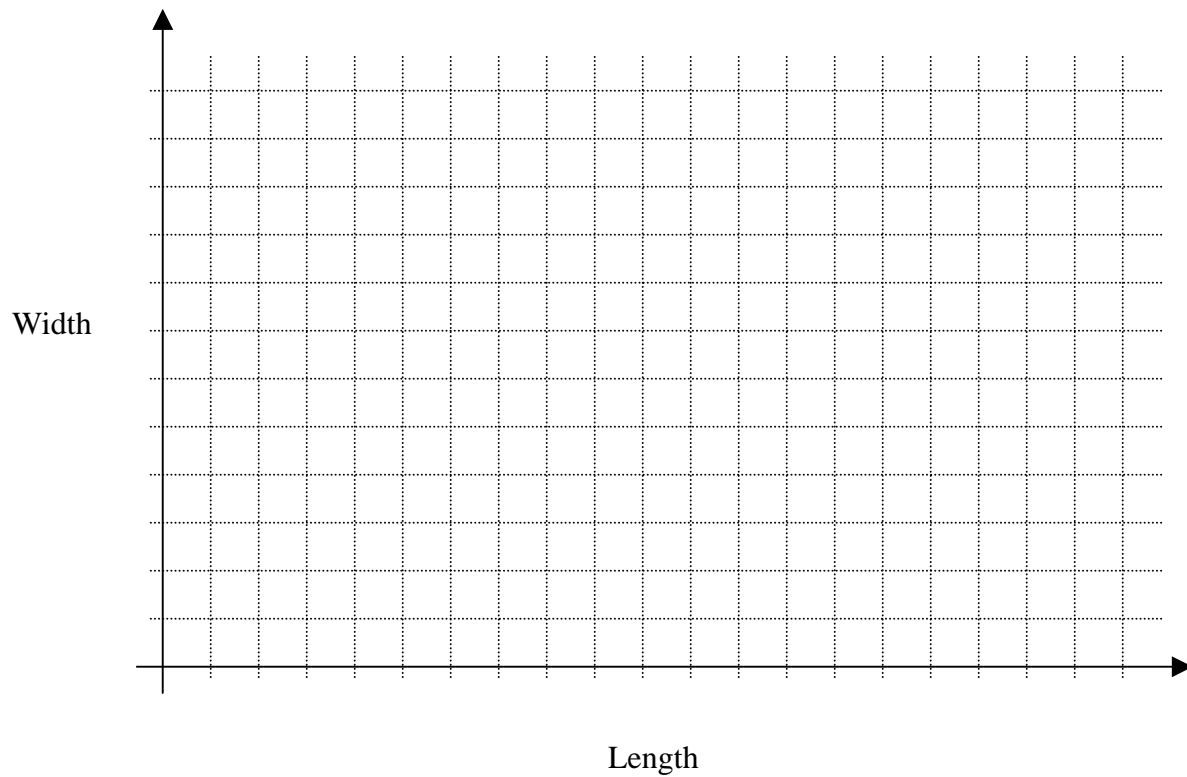
Let's see how big this rectangle really is...



1. Using a ruler, measure the dimensions of the rectangle in inches. Then, measure the dimensions in centimeters. Record your measurements in the chart below.
2. Determine the length and width of the rectangle using four other units of measure, and record them in the chart, too.

UNITS	LENGTH	WIDTH
Inches		
Centimeters		

3. On the graph below, plot the six ordered pairs of (length, width) from the chart.



4. On your graph, draw a line of best fit. Below, write an equation for that line.

5. If the length of the rectangle is 13 woches, determine the width of the rectangle in woches using (a) your line of best fit and (b) your equation. Explain how you obtained each answer.

*Line of Best Fit:*

*Equation:*