Preliminaries and Objectives

Preliminaries
- Point-Slope Form of a Line
- Graph Transformations
  - Shifting
  - Stretching
  - Flipping

Objectives
- Transform the graph $y = x$ by stretching vertically and shifting.

\[ y - 2 = 3(x - 4) \]
\[ y - 1 = \frac{1}{2}(x + 3) \]