

Figure 1 is a graph showing the relationship between the number of people (Y-axis) and the number of people (X-axis). The Y-axis ranges from 0 to 1000, and the X-axis ranges from 0 to 1000. The graph displays three curves: a straight line from (0, 1000) to (1000, 0), a curve starting at (0, 1000) and ending at (1000, 0), and a curve starting at (0, 500) and ending at (1000, 0).

