

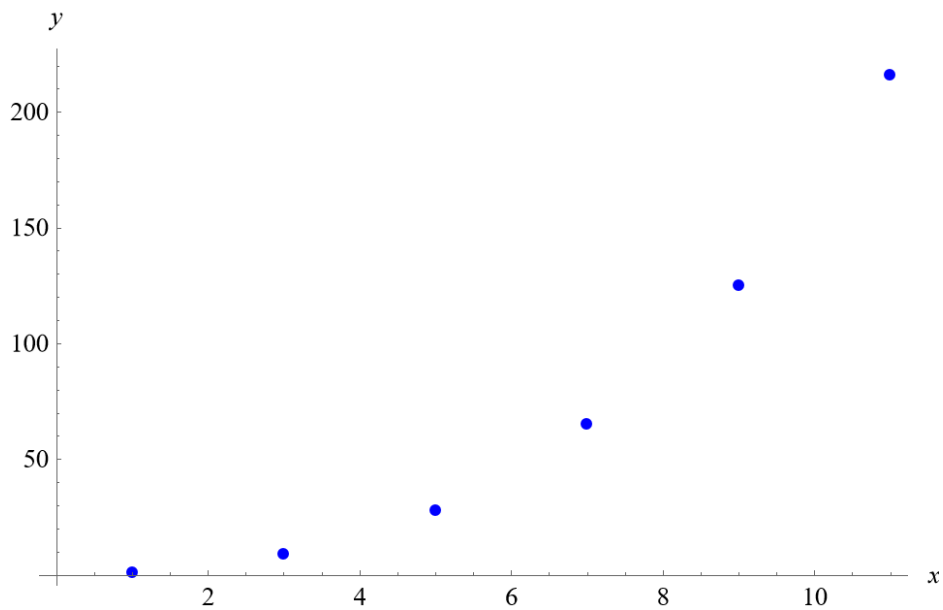
Exercise 11

For the following exercises, draw a scatter plot for the data provided. Does the data appear to be linearly related?

1	3	5	7	9	11
1	9	28	65	125	216

Solution

Graph the following points on a coordinate system: $(1, 1)$, $(3, 9)$, $(5, 28)$, $(7, 65)$, $(9, 125)$, and $(11, 216)$.



The data do not appear to be linearly related. In other words, a straight line would not represent these data well.