Exercise 9
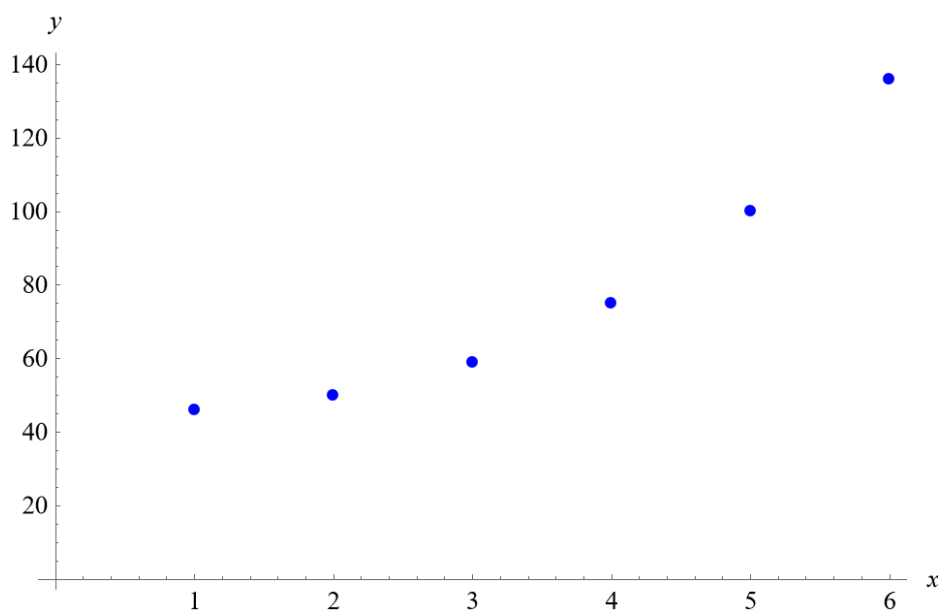
For the following exercises, draw a scatter plot for the data provided. Does the data appear to be linearly related?

1	2	3	4	5	6
46	50	59	75	100	136

Solution

Graph the following points on a coordinate system: $(1, 46)$, $(2, 50)$, $(3, 59)$, $(4, 75)$, $(5, 100)$, and $(6, 136)$.

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