

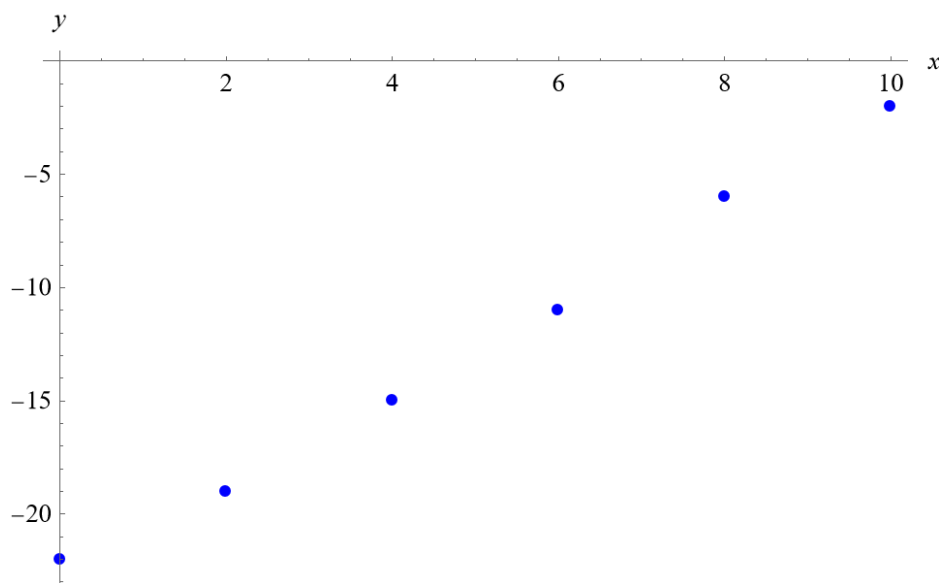
## Exercise 8

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

0	2	4	6	8	10
-22	-19	-15	-11	-6	-2

### Solution

Graph the following points on a coordinate system:  $(0, -22)$ ,  $(2, -19)$ ,  $(4, -15)$ ,  $(6, -11)$ ,  $(8, -6)$ , and  $(10, -2)$ .



The data do appear to be linearly related. In other words, a straight line would represent these data well.