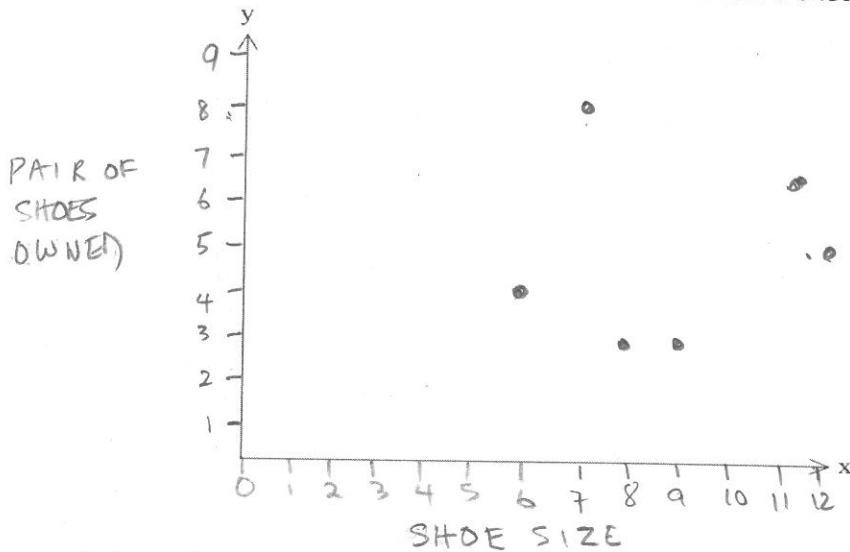


Example 4

a) Enter the data and examine the scatterplot. Draw a sketch of the scatterplot below.



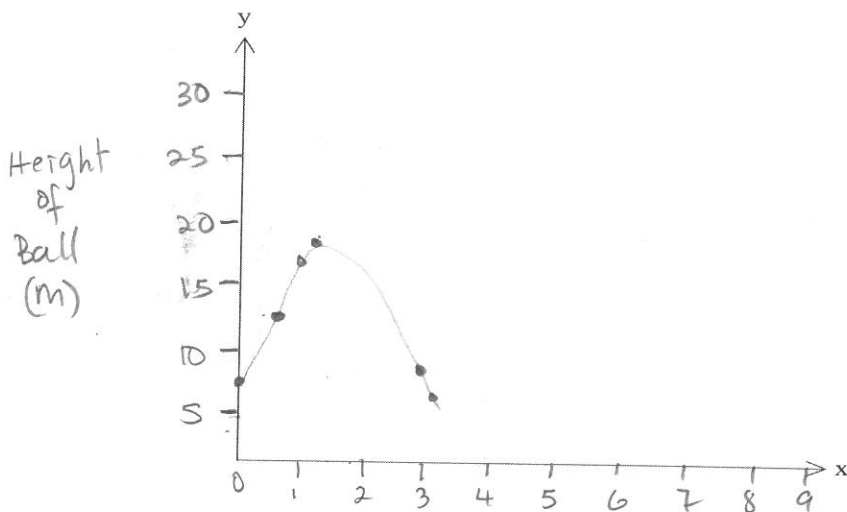
Shoe Size	Pairs of Shoes Owned
8	3
11	7
6	4
12	5
9	3
7	8

b) Describe any trends, relationships, or correlations.

Graphs shows a random pattern. there appears to be no correlation between shoe size and the number of pairs of shoes owned.

Example 5

a) Enter the data and examine the scatterplot. Draw a sketch of the scatterplot below.



Time (s)	Height of Ball (m)
0	7
0.5	13.1
1	17
1.2	17.8
3	7.4
3.1	5.5

b) Describe any trends, relationships, or correlations.

From 0 second to 1.2 seconds, the height of the ball increases. then after 1.2 seconds, the height of the ball decreases. this is a quadratic relationship.