



Linear Function

$$Y = 3x + 2$$

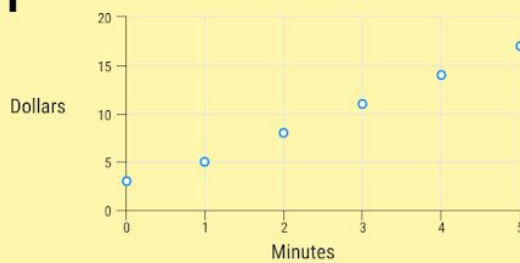


Input/Output Table

0	2
1	5
2	8
3	11
4	14
5	17



If I take a taxi for 5 minutes, it will cost me 17 dollars.



Quadratic Function

$$y = ax^2 + 6x + 36$$



Y will be greater than or equal to 27.

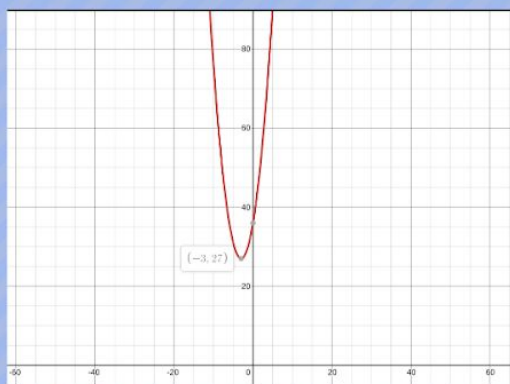


-3	27
-6	36
-9	63
-12	108
-15	171



As I throw a ball, the farther it goes, the faster it will begin to fall.

Speed it falls



X can be greater than, less than, or equal to -3.

