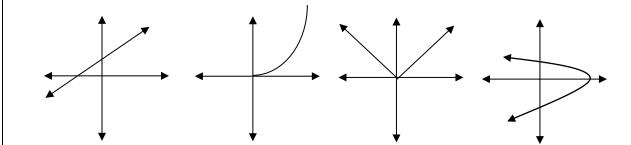


## Non Linear Functions

## Examples

Which of the following are nonlinear functions?



Which of the following are nonlinear functions?

Input	Output
1	-8
2	-16
3	-24
4	-32
5	-40

Input	Output
1	1.5
2	2.5
3	5.5
4	8.5
5	10.5

Input	Output
1	1
2	3
3	6
4	10
5	15

## You Try

Suppose there are 20 rabbits on an island and that rabbit population can triple every 6 months.

a. Make a table to determine the rabbit population after 2

b. Is the relationship linear or nonlinear?

c. Using the table, when would you expect the population to be 1,000,000?