

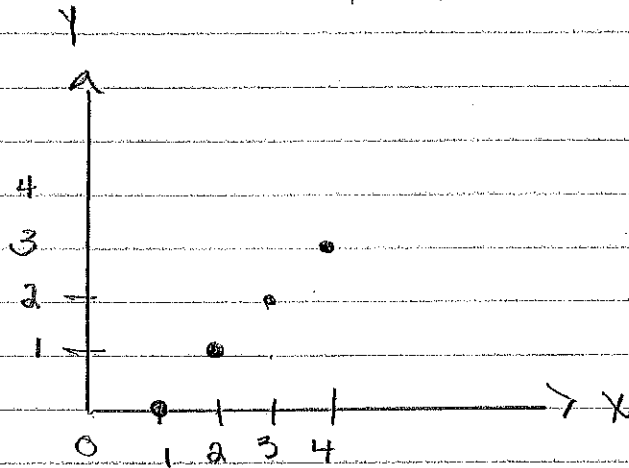
LINEAR FUNCTIONS

WORDS: Y is one less than x

EQUATION: $Y = x - 1$

TABLE:

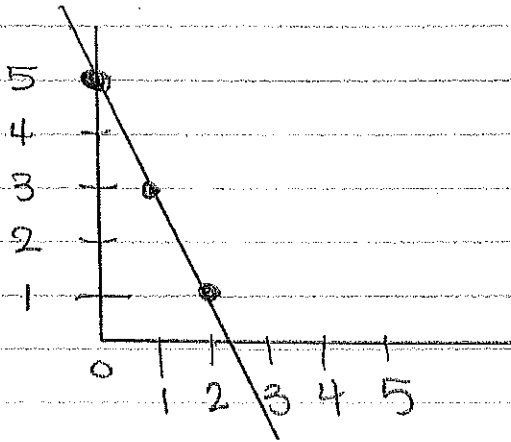
X	X-1	Y
3	3-1	2
4	4-1	3
1	1-1	0
2	2-1	1



46

$$y = 5 - 2x$$

x	$5 - 2x$	y
0	$5 - 2(0)$	5
1	$5 - 2(1)$	3
2	$5 - 2(2)$	1



$$y = 6 - 3x$$

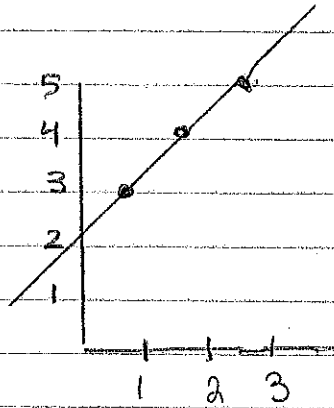
DVD's X	$6 - 3x$	CD's Y
0	$6 - 3(0)$	6
1	$6 - 3(1)$	3
2	$6 - 3(2)$	0
3	$6 - 3(3)$	-3

Continuous data - can take ANY value
ex: time, money - solid line

Discrete data - cannot take ANY value
ex: movies, people - dots
- individual points

$$y = x + 2$$

x	y
1	3
2	4
3	5



table

graph