

Name: _____

Date: _____ #6

Representing Data Graphically

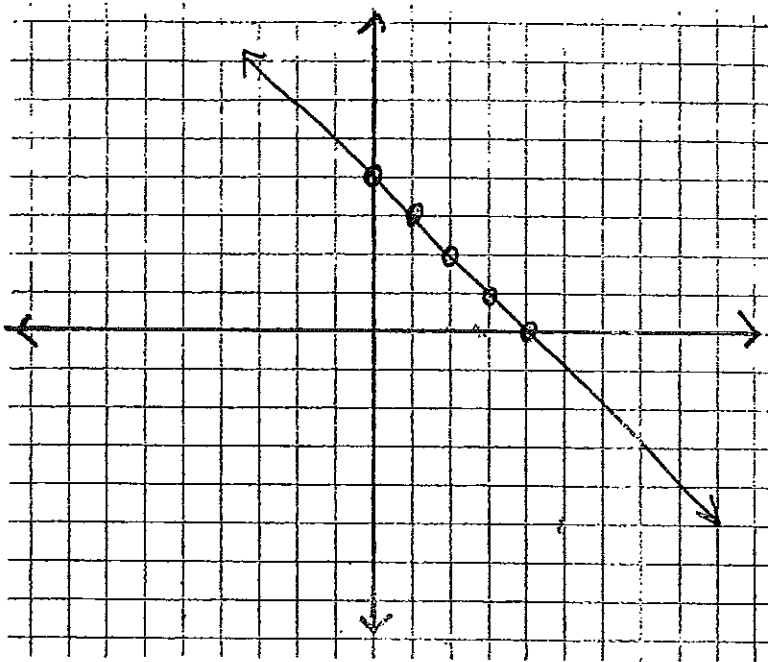
1) $4 - x = y$

Make a table of values:

x	0	1	2	3	4
y	4	3	2	1	0
y)	(0,4)	(1,3)	(2,2)	(3,1)	(4,0)

What kind of slope does this line have? negative

Plot your points and connect them:

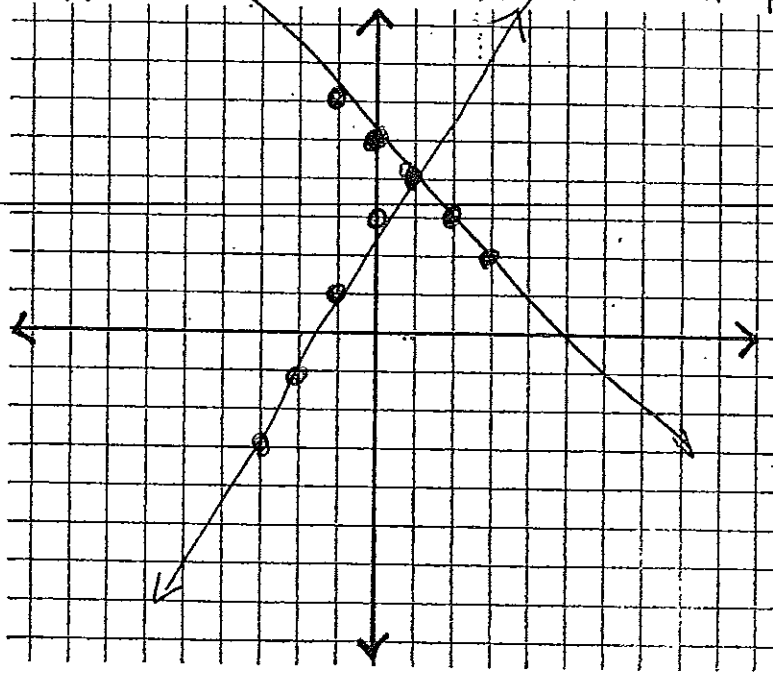


2) $2x + 3 = y$

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

What kind of slope does #2 have? positive

Plot #2 and #3 on this coordinate plane



3) $x + y = 5$

x	0	-1	2	1	3
y	5	6	3	4	2
y)	(0,5)	(-1,6)	(2,3)	(1,4)	(3,2)

What kind of slope does #3 have?
negative