

### Linear Equations 3

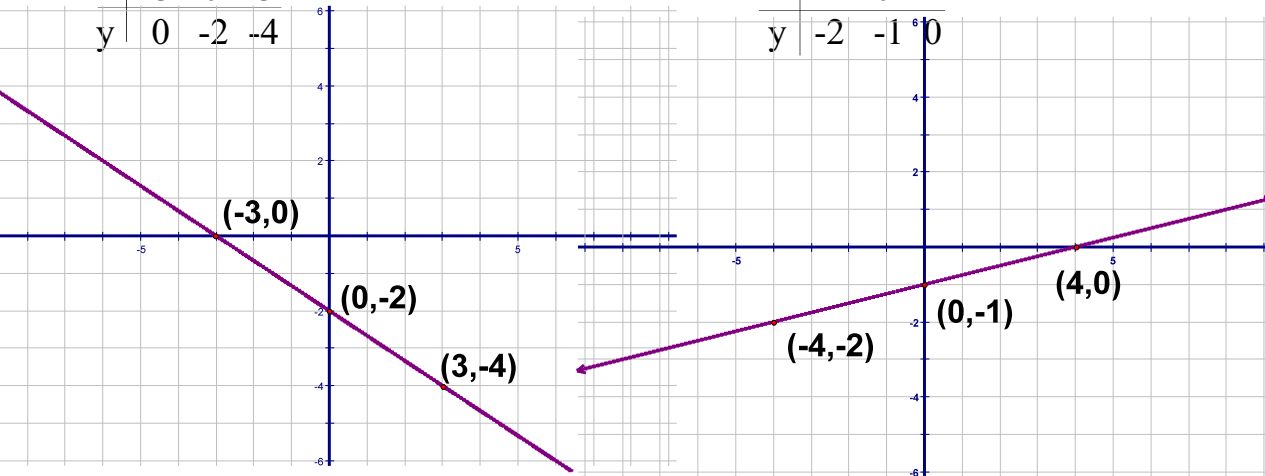
Use a t-table to graph the following equations and give their slope.

1)  $4a + 6b = -12$

2)  $2c - 8d = 8$

x	-3	0	3
y	0	-2	-4

x	-4	0	4
y	-2	-1	0



$$m = \frac{-2 - 0}{0 - (-3)} = \frac{-2}{3}$$

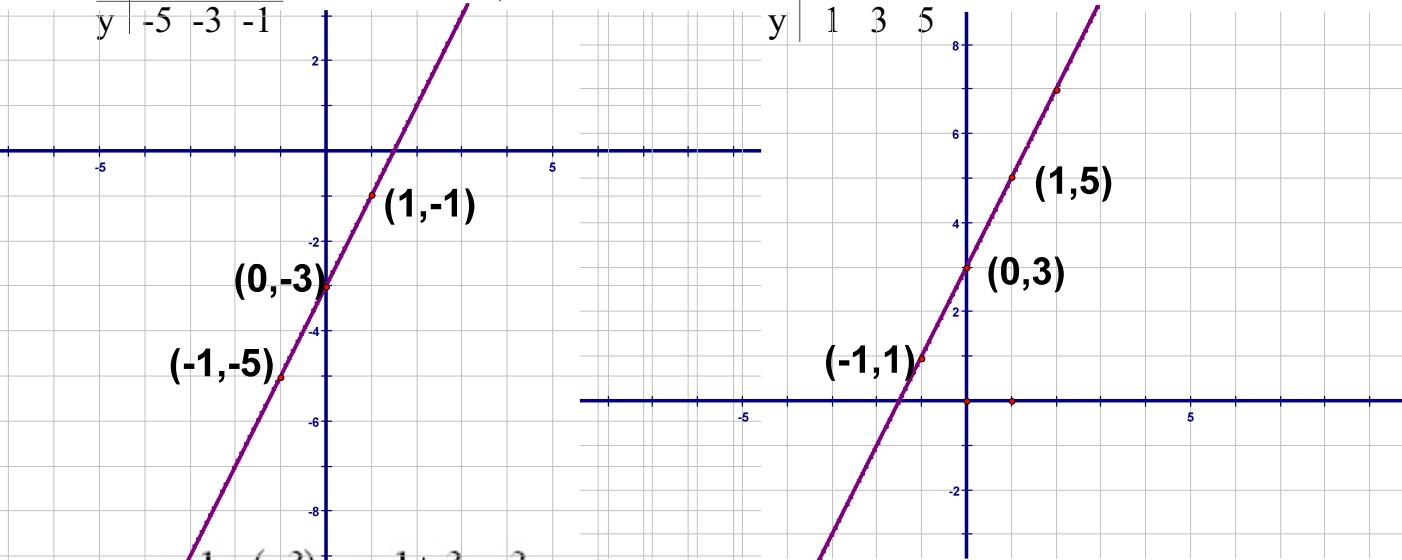
$$m = 1/4$$

3)  $y = 2x - 3$

4)  $8x = 4y - 12$

x	-1	0	1
y	-5	-3	-1

x	-1	0	1
y	1	3	5



$$m = \frac{-1 - (-3)}{1 - 0} = \frac{-1 + 3}{1} = \frac{2}{1} = 2$$

$$m = 2$$