

Linear Relationships

- 1) Which equation represents a line going through the points (-6,-10) (9,0)?
- 2) Which equation represents a line going through the points (-6,-1) (3,5)?

a) $y = 10/3x - 9$

b) $y = 2/3x - 6$

c) $y = 1/3x - 3$

d) $y = 5/6x - 5$

a) $y = 1/2x + 2$

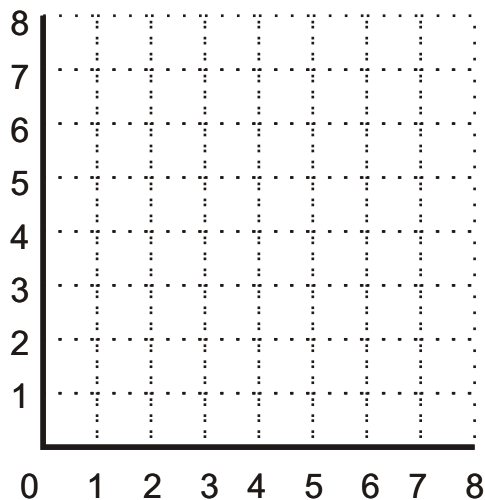
b) $y = 3/5x + 8$

c) $y = 4/9x - 5$

d) $y = 2/3x + 3$

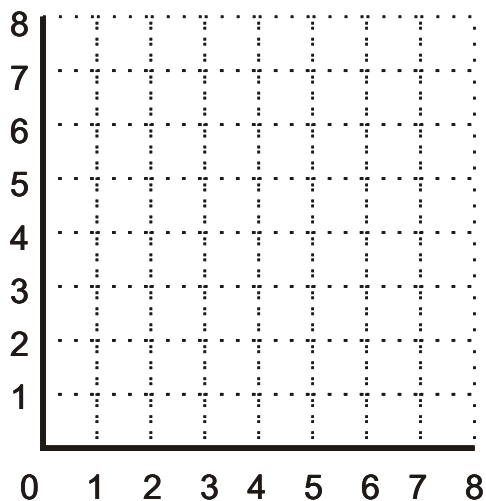
- 3) Graph the following 4 equations on the grid below.

$y = 2x$ $y = 1x$ $y = \frac{1}{2}x$ $y = \frac{1}{4}x$



- 4) Graph the following 3 equations on the grid below.

$y = 5x$ $y = 1/3x$ $y = 1/5x$



- 5) Write the equation of line that would generate this table.

x	y
-3	-2
-1	-1
1	0
3	1
5	2

- 6) Write the equation of line that would generate this table.

x	y
-6	-2
-3	0
0	2
3	4
6	6

