

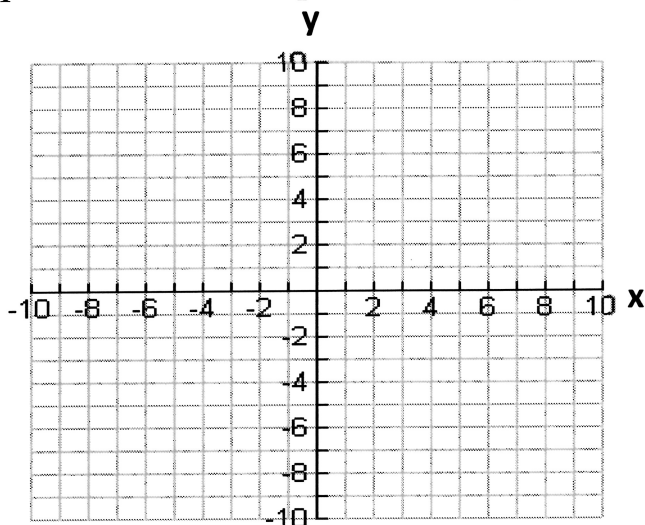
Determining slope (m) and y-intercept (b) from Linear Relations

Complete each table of values, graph the relationship and identify the slope and y-intercept:

a) $y = 2x - 3$

x	y
-2	
-1	
0	
1	
2	

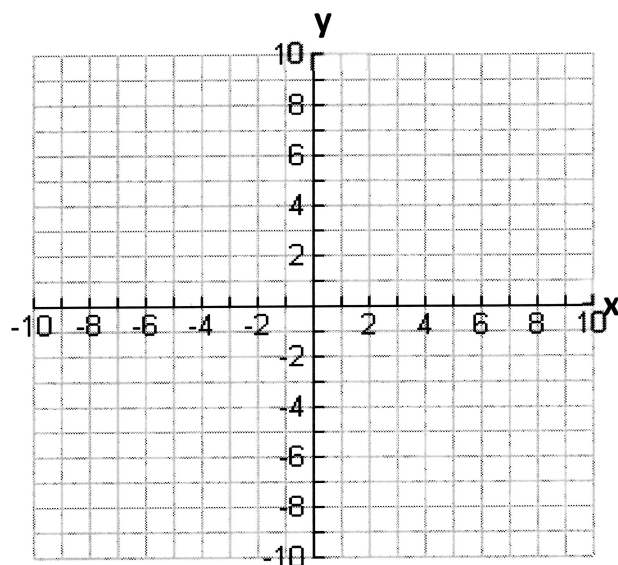
slope = y-int =



b) $y = -3x + 2$

x	y
-2	
-1	
0	
1	
2	

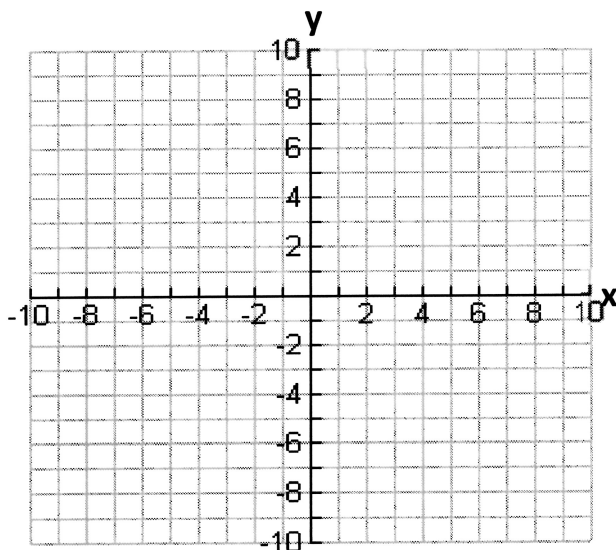
slope = y-int =



c) $y = -\frac{2}{3}x + 4$

x	y
-6	
-3	
0	
3	
6	

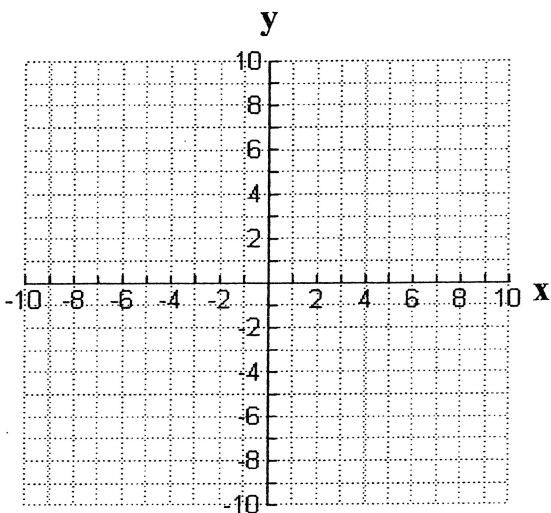
slope = y-int =



Graphing Homework (Complete t.o.v, graph line, and determine m and b)

a) $y = 2x + 2$

x	y
-2	
-1	
0	
1	
2	

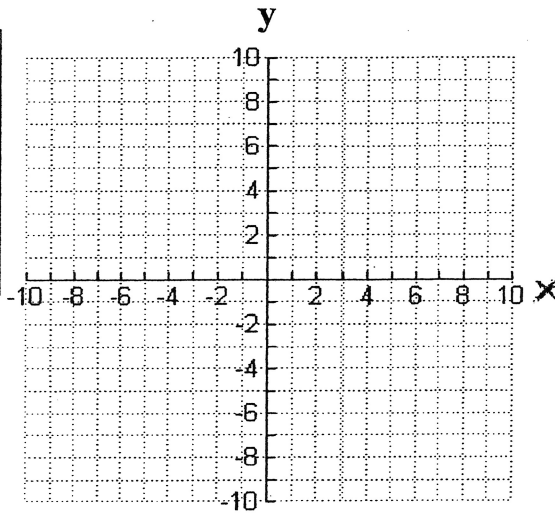


m =

b =

b) $y = -3x + 3$

x	y
-2	
-1	
0	
1	
2	

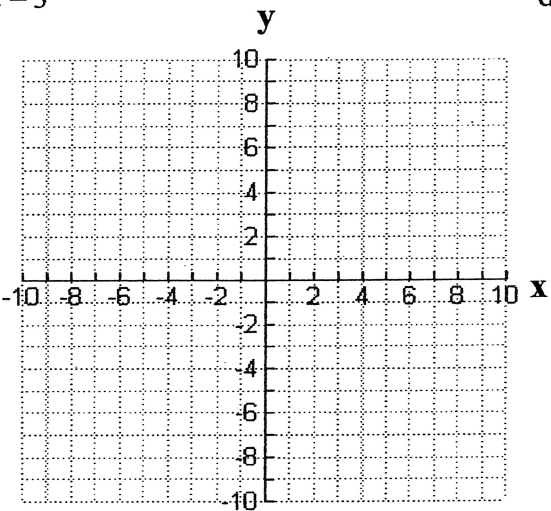


m =

b =

c) $y = \frac{1}{2}x - 3$

x	y
-4	
-2	
0	
2	
4	

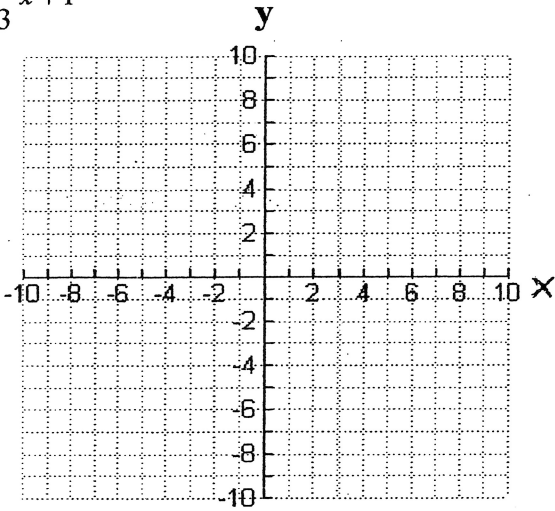


m =

b =

d) $y = -\frac{1}{3}x + 1$

x	y
-6	
-3	
0	
3	
6	

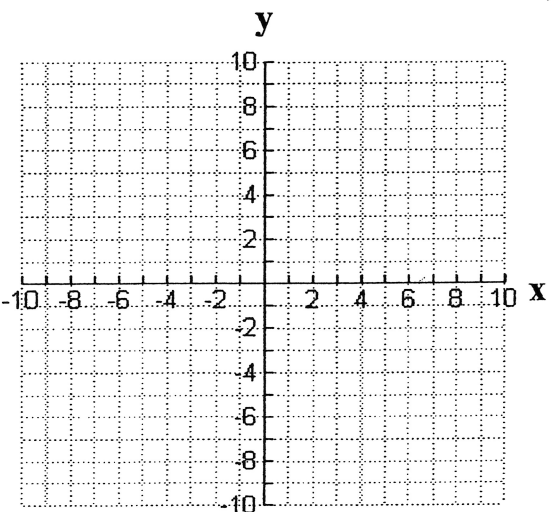


m =

b =

e) $y = 0x - 7$

x	y
-2	
-1	
0	
1	
2	

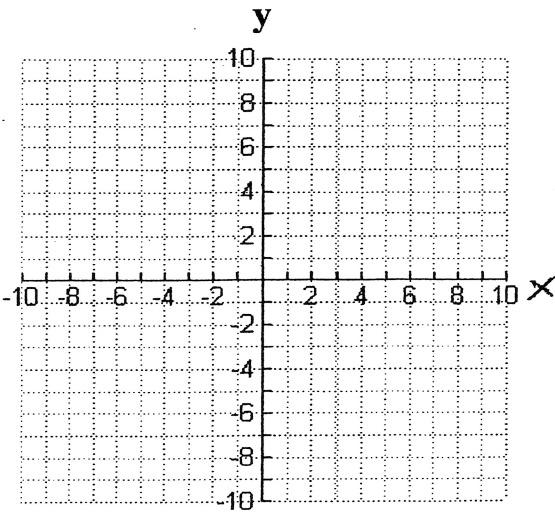


m =

b =

f) $y = 2x$

x	y
-2	
-1	
0	
1	
2	



m =

b =