

Match each type of notation with corresponding graphs and coordinates (use the letters listed):

Notation (rearrange to $y = ax + b$)	$y = ax + b$ Notation	Function Notation	Graph	Coordinates	
$3x + y = 18$					
$3y - 2x = -36$					
$x + 4y - 64 = 0$					
$y - 8 = 2x$					

Function Notation

a) $f(x) = \frac{2}{3}x - 12$

c) $f(x) = 2x + 8$

b) $f(x) = -3x + 18$

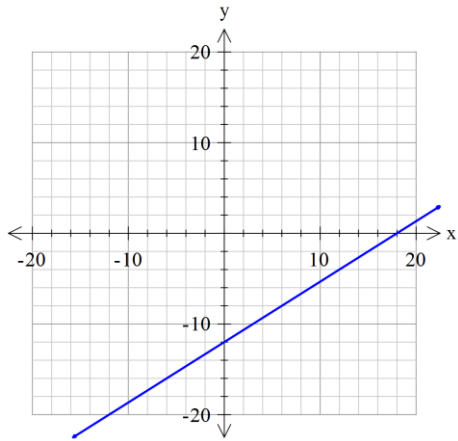
d) $f(x) = -\frac{1}{4}x + 16$

Coordinates:

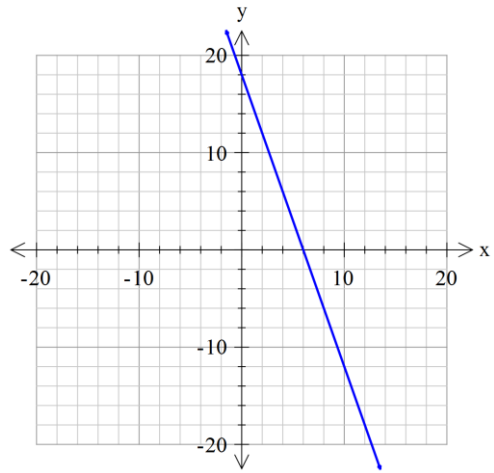
a) Initial value of 16	e) $f(-10) = -12$	i) Zero at 6	m) $f(0) = 18$	q) $f(8) = 14$
b) (1,15)	f) (6,-8)	j) $f(3) = -10$	n) (6,20)	r) $f(0) = 16$
c) (18,0)	g) (-4,0)	k) (6,0)	p) Initial value of -12	s) Zero at -4
d) x is 4 when $f(x) = 15$	h) $f(-8) = 18$	l) $f(9) = -6$		

Graphs

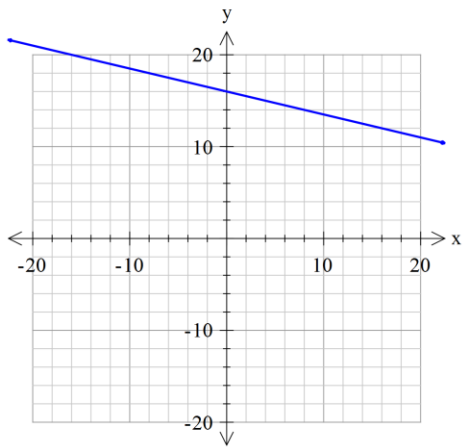
a)



c)



b)



d)

