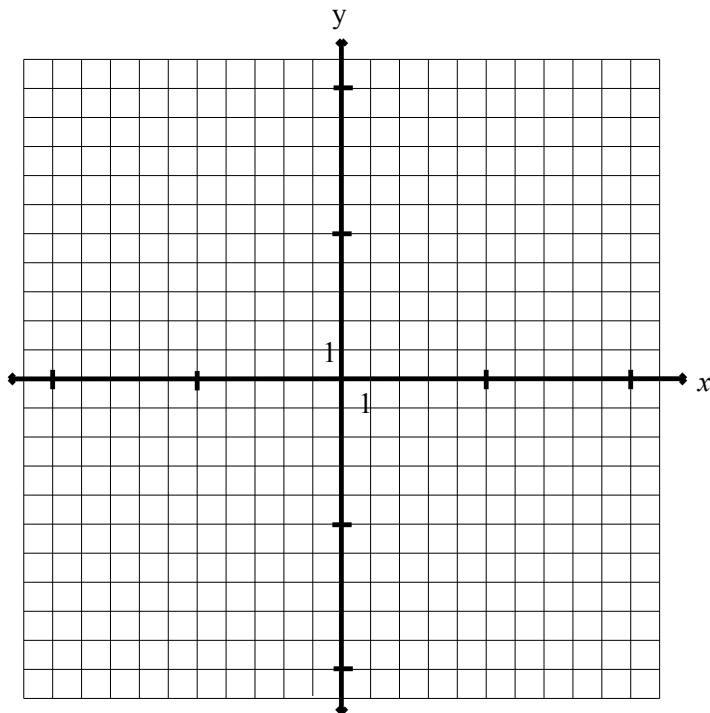


MPM1DI Linear Relations

1. Graph each of the following using the indicated method:

a) $y = \frac{1}{2}x - 4$ (table of values – 5 entries)



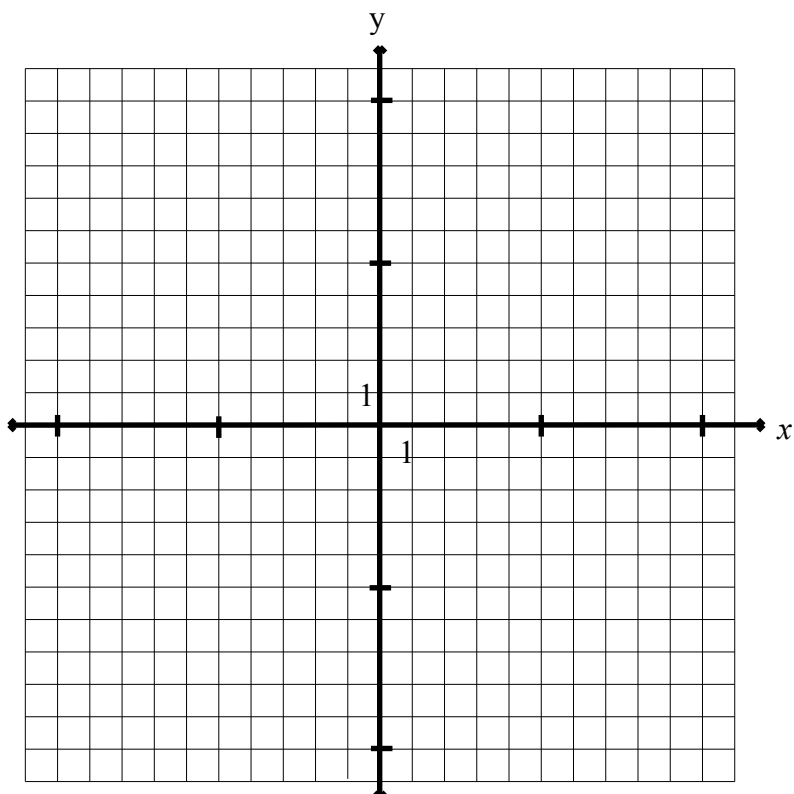
b) $5x - 4y = 20$ (intercepts)

c) $y = -2x + 4$ (slope, y-intercept)

d) $2x - 3y = 0$ (any method)

e) $x - 8 = 0$ (any method)

f) $y = -6$ (any method)



2. Determine the equation of the line in $y = mx + b$ form:

a) with a slope of $\frac{2}{3}$ and passing through the point $(-5, 1)$

b) through the points $(-3, 7)$ and $(5, -3)$