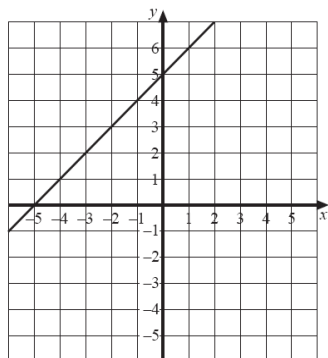


Name: _____

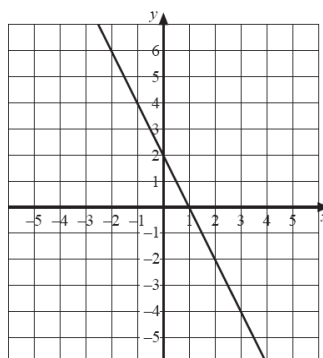
Writing Equations in Point – Slope Form

1) Determine the equation of each of the following lines

1)



2)



2) Find an equation for the line with y -intercept 7 and x -intercept 4.

3) Write an equation in point – slope form for the line that satisfies the given conditions.

1) x -intercept -2 ; y -intercept 6

2) Slope $-\frac{3}{2}$; x -intercept 4

3) Passes through $(6, -1)$ and $(-9, 4)$

4) Passes through $(-4, 5)$ and $(1, -2)$

5) Slope $-\frac{3}{4}$; passes through $(12, -5)$

6) Slope $-\frac{2}{9}$; passes through $(-3, 2)$

7) Slope -4 ; y -intercept 5