

Practice – Writing Linear Equations.

1) Given a line with slope, $m = 3$ and passing through $-3, 2$, write the equation of the line.

2) Re-write the equation of the line from # 1 in slope-intercept form.

3) Write the equation of the line perpendicular to # 1 and passing through $5, -6$

4) Write the equation of the line parallel to # 1 and passing through $3, 5$.

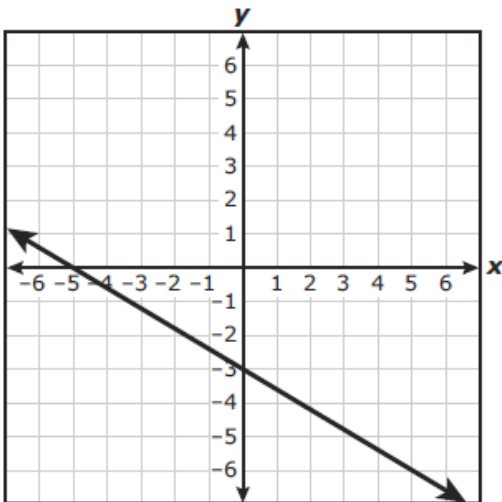
5) Find the x and y-intercepts of the line with an equation $4x - 3y = 36$.

x-intercept _____

y-intercept _____

6) State the slope and y-intercept of the graph.

7) Write the equation of the line from # 6.



8) Write the equation of a horizontal line passing through $3, -2$.

9) Write the equation of a vertical line passing through $-1, -4$.