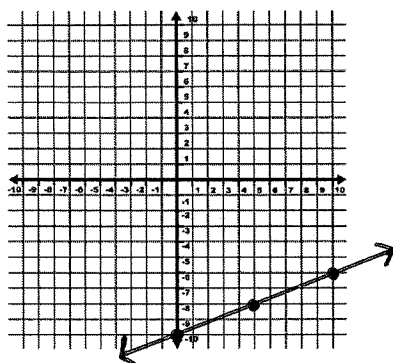


AA PREP: LINEAR RELATIONSHIPS—WORKSHEET #1

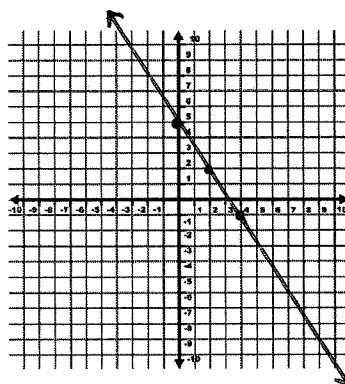
1. State the x -intercept and y -intercept as points.
 $5x - 2y = 30$

2. Find the slope of the line passing through:
 $(-10, 5)$ and $(8, -1)$

3. Draw a line parallel to the one provided, passing through $(-5, 3)$. Write each equation in slope-intercept form.



4. Draw a line perpendicular to the one provided, passing through $(4, -1)$. Write each equation in slope-intercept form.



5. Write an equation in slope-intercept form for a line with slope $\frac{3}{2}$ that contains the point $(24, -12)$.

6. Write an equation in slope-intercept form for a line containing $(5, -6)$ and $(-7, 2)$.

7. Write an equation in slope-intercept form for the line containing $(6, -9)$ and parallel to: $y = -\frac{2}{3}x + 8$

8. Write the equation of the line graphed below in point-slope form.

