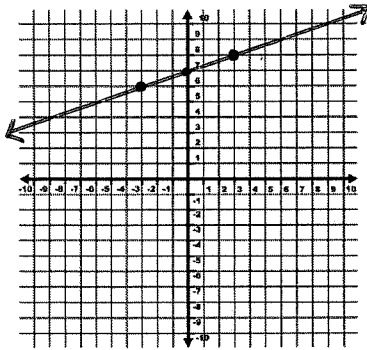


AA PREP: LINEAR RELATIONSHIPS—WORKSHEET #2

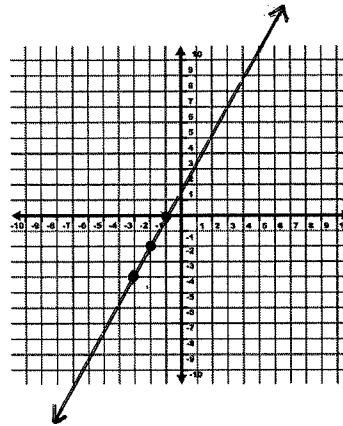
1. State the x -intercept and y -intercept as points.
 $3x - 4y = -24$

2. Find the slope of the line passing through:
 $(-2, 12)$ and $(6, 0)$

3. Draw a line parallel to the one provided, passing through $(6, -2)$. Write each equation in slope-intercept form.



4. Draw a line perpendicular to the one provided, passing through $(-3, -4)$. Write each equation in slope-intercept form.



5. Write an equation in slope-intercept form for a line with slope $\frac{2}{3}$ that contains the point $(-6, 18)$.

6. Write an equation in slope-intercept form for a line containing $(8, -1)$ and $(2, -4)$.

7. Write the equation of a line with an undefined slope that contains $(-9, 12)$.

8. Write an equation in slope-intercept form for the line containing $(-3, 9)$ and perpendicular to: $y = -\frac{1}{3}x - 5$