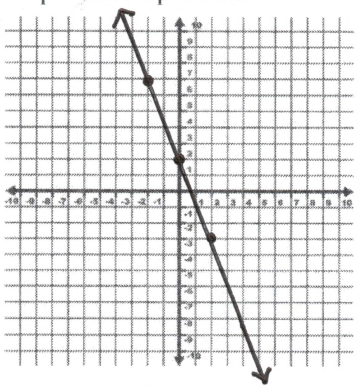
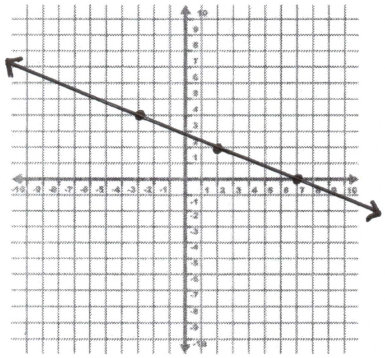
AA PREP: LINEAR RELATIONSHIPS—WRITING LINEAR EQUATIONS LECTURE

1. Write an equation for the line graphed below in slope-intercept form.



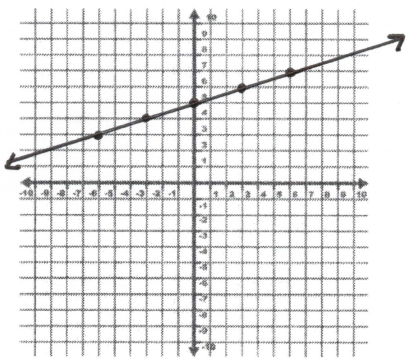
2. Write an equation for the line graphed below in slope-intercept form.



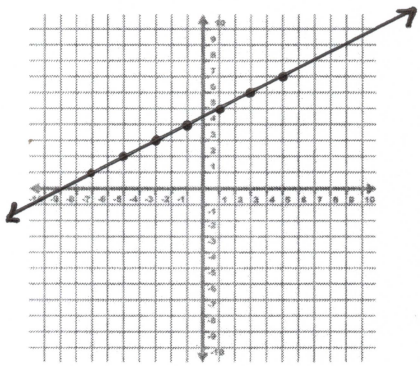
3. Write an equation in slope-intercept form for a line with slope $-\frac{4}{3}$ that contains the point $(-3,12)$.

4. Write an equation in slope-intercept form for a line containing $(-7,1)$ and $(-3,-5)$.

5. Draw a line <u>parallel</u> to the one provided, passing through $(6,-5)$. Write each equation in slope-intercept form.



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



7. Write the equation of a line with an <u>undefined slope</u> that contains $(6,-2)$.

8. Write an equation in slope-intercept form for the line containing $(-8,4)$ and <u>perpendicular</u> to: $y=-2x+9$