Name:	Date:
Topic:	Class:

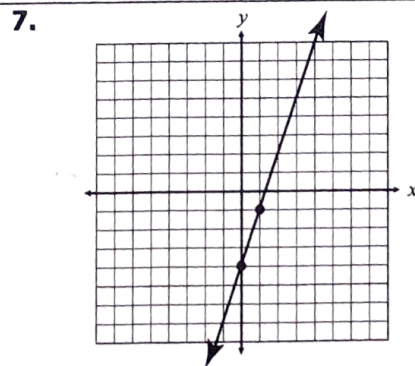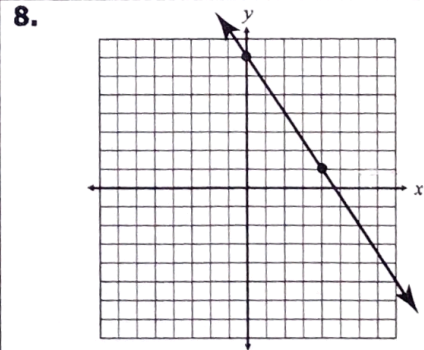| Main Ideas/Questions	Notes/Examples
Slope-Intercept Form	Linear equations are frequently written in **slope-intercept form**: _____ m is the _____ and b is the _____
Examples	**Directions:** Given the slope and y-intercept of the line, write the equation in slope-intercept form. **1.** slope = 2; y-intercept = -1 _____ **2.** slope = $-\dfrac{3}{5}$; y-intercept = 4 _____ **3.** slope = -3; y-intercept = 2 _____ **4.** slope = -1; y-intercept = 7 _____ **5.** slope = $\dfrac{1}{4}$; y-intercept = 0 _____ **6.** slope = $-\dfrac{5}{2}$; y-intercept = -3 _____
Given a Graph	**Directions:** Identify the slope and y-intercept of the line on the graph. Then, write the equation of the line in slope-intercept form. **7.** $m =$ _____ $b =$ _____ Equation: _____ **8.** $m =$ _____ $b =$ _____ Equation: _____