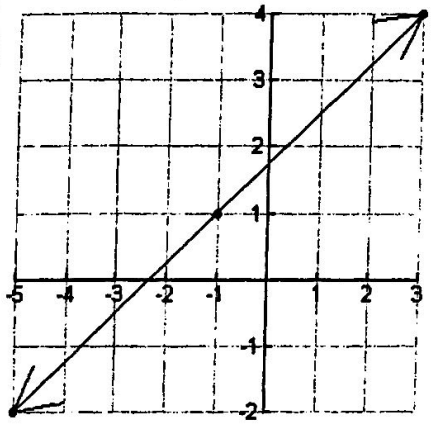
Name:_____ Date:_____ Core:_____

Homework Practice: Graphing in the Coordinate Plane & Slope

Determine the slope of the line for each of the following:

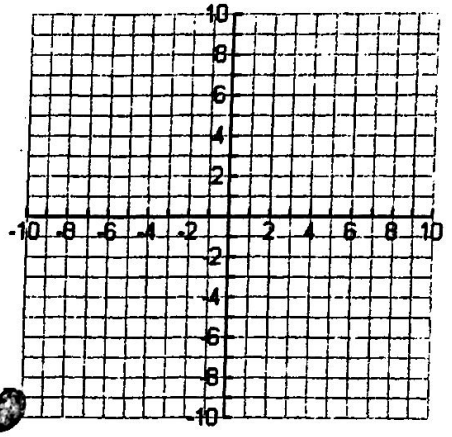
1. Two points on the line: B (-3, 0) and W (4, -5) m = _____	2. Two points on the line: K (4, 5) and P (-8, 5) m = _____	3. Two points on the line: Q(2, 4) and R (-1, -2) m = _____
4. The line shown on the coordinate plane.  m = _____	5. The linear equation: $y = -\frac{3}{2}x - 2$ m = _____	6. The linear equation: $y = \frac{2}{3}x + 5$ m = _____

For each of the problems below:

1) Determine the slope and y-intercept of each equation.

2) Graph each equation using the slope and y-intercept.

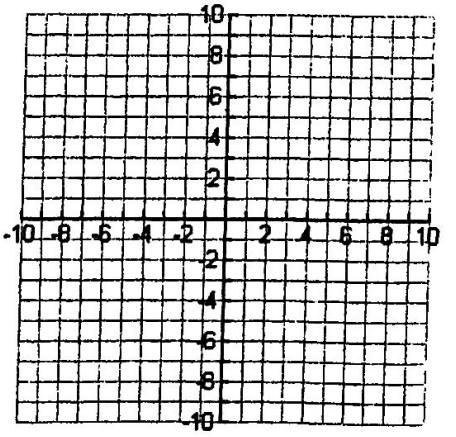
7. $y = \frac{x}{3} - 4$



m = _____

b = _____

8. $y = -x + 3$



m = _____

b = _____