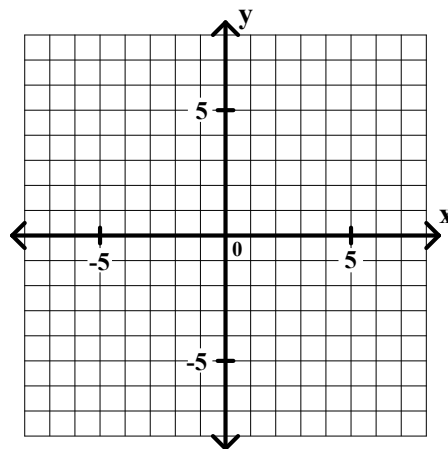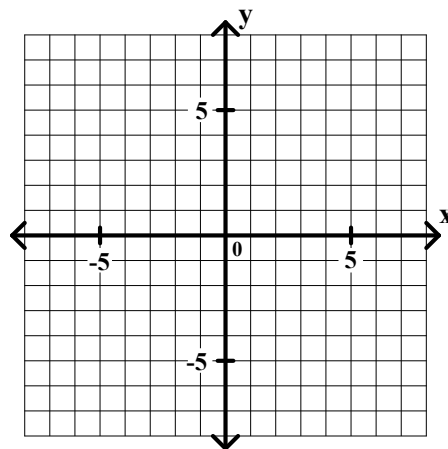## General Algebra II   CWS #3   Unit 2   page 1 _____

**Find the equation of each line described below.  If the line is oblique, write the slope-intercept equation.  Graph both equations (the given equation as well as your solution).**

1.  The line through (0 , 1) parallel to  $-5x + 2y = -4$ _____



2.  The line through (-3, 2) parallel to  $4x + 3y = 9$ _____



3.  The line through (2, 5) parallel to  $x - 3y = 6$ _____

**Find the equation of each line described below.  If the line is oblique, write the slope-intercept equation.  Graph both equations (the given equation as well as your solution).**
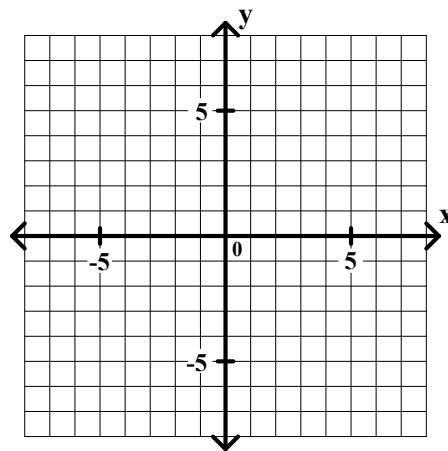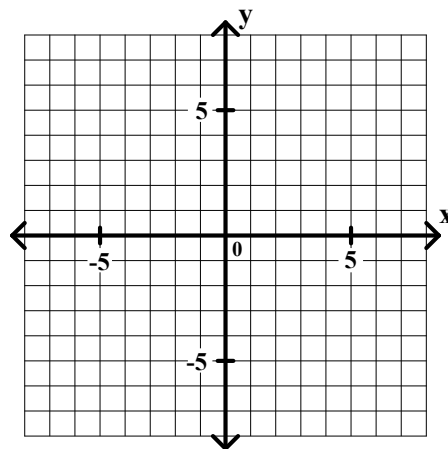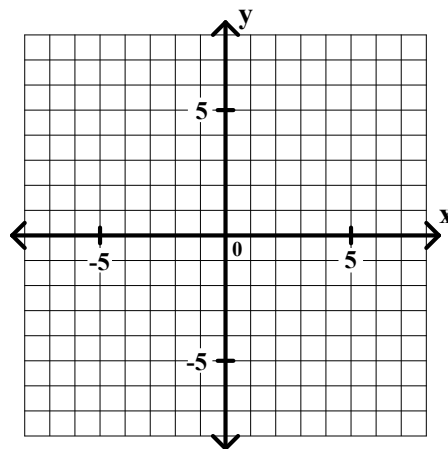
4.  **The line through (0, 4) perpendicular to 2x – 3y = 9**   _____



5.  **The line through (5, -2) perpendicular to 5x + 2y = -8**   _____



6.  **The line through (1, -3) perpendicular to 3x – y = 2**   _____