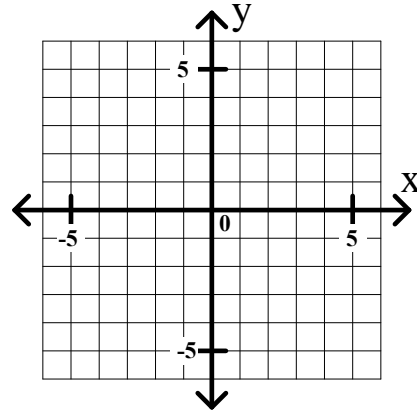


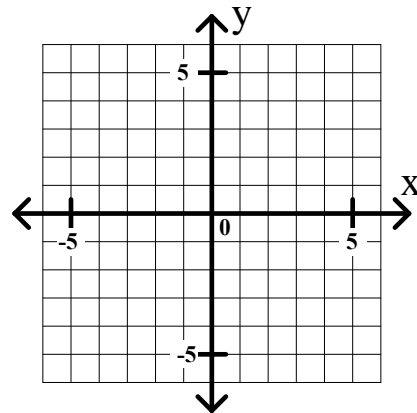
Algebra II Class Worksheet #3 Unit 2 page 1 _____

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).

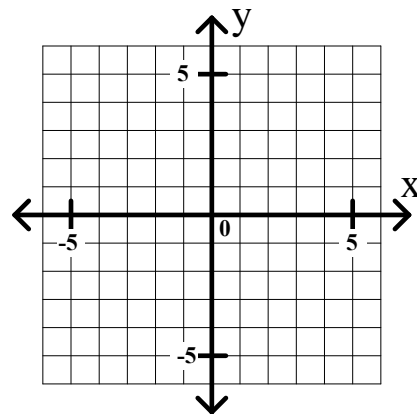
1. The line through $(0, 1)$ parallel to $-5x + 2y = -4$ _____



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



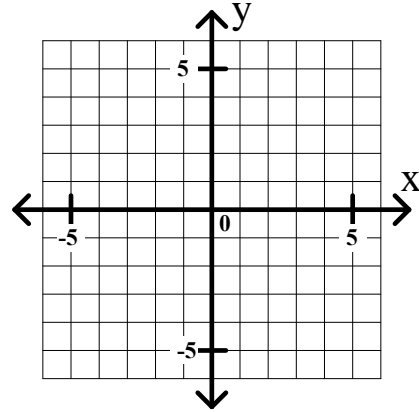
3. The line through $(2, 5)$ parallel to $x - 3y = 6$ _____



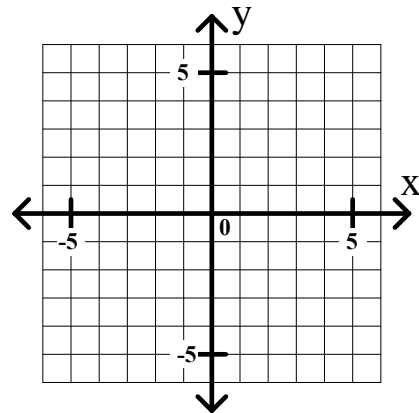
Algebra II Class Worksheet #3 Unit 2 page 2

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 $3x - y = 2$ _____

