DUE BY 6/1/18
TURN IN BY 5/30/18 FOR EXTRA CREDIT!!

Must show all work for full credit.   **There are more questions on the back!**

1) A scholarship fund has $50,000 in it. No money will be added. Each year, the amount of money in the fund will decrease by 10%. To the nearest cent, determine the amount of money left in the account after 4 years.   **(Notes #59)**

2) Find the equation of the line that passes through the points $(8, 5) and (3, -5)$ in slope-intercept form.   **(Notes #35)**
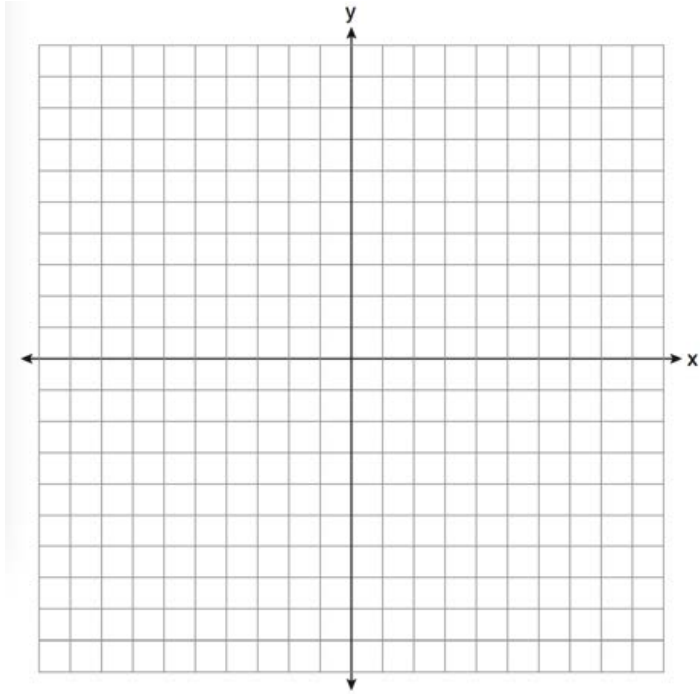
3) What is the solution of the inequality $-7x - 8 < 5x + 4$?   **(Notes #13)**

4) Graph the following system of inequalities on the graph below: **(Notes #49-50)**

$$y < \frac{3}{4}x - 1$$

$$y \geq -3x + 4$$

5) Graph the parabola on the axis below: **(Notes #85-86)**

$$y = x^2 - 4x - 2$$