ALGEBRA I NAME: _____

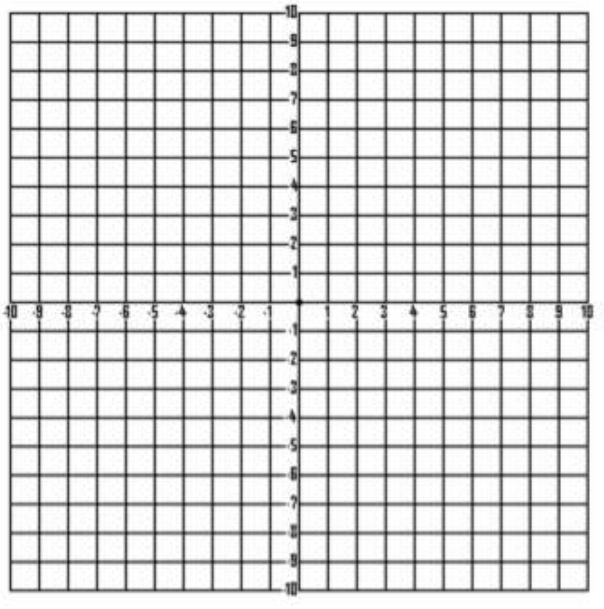
**RETAKE PROBLEMS** PARALLEL & PERPENDICULAR QUIZ

1. Write the equation of the line that goes through (-4, 3) and is parallel to y = 2x – 5.

2. Write the equation of the line that goes through (2, -3) and is perpendicular to y = 5/6x – 3.

3. Write the equation of the line that is perpendicular to $y = \frac{3}{5}x - 5$ and crosses the y-axis 4 units below it.

4. Write the equation of the line that is parallel to x + 2y = 4 and crosses the y-axis 2 units below. Graph BOTH lines on the graph below.



5. Write the equation of the line that is perpendicular to $2x - 5y = -10$ and crosses the y-axis 20 units above it.

6. Write the equation of the line that goes through (5, 5) and is parallel to $3x - 6y = 72$.

7. Write the equation of the line that is parallel to the y-axis and crosses the x-axis at 6.

8. Write the equation of the line that is perpendicular to the x-axis and crosses the x-axis at -5.