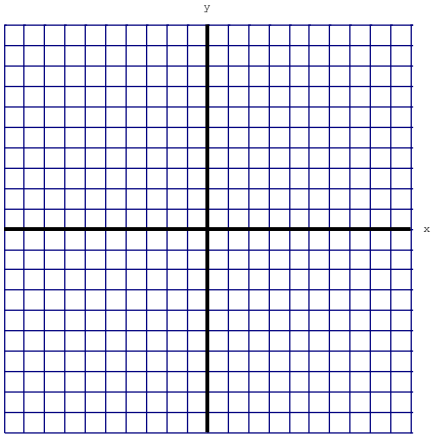
Unit 2 2.4p **Solving Systems – Graphing & Substitution Practice** Name: _____

Objective: Graph a system of linear equations to find potential solutions. Use the substitution method to verify your answer.

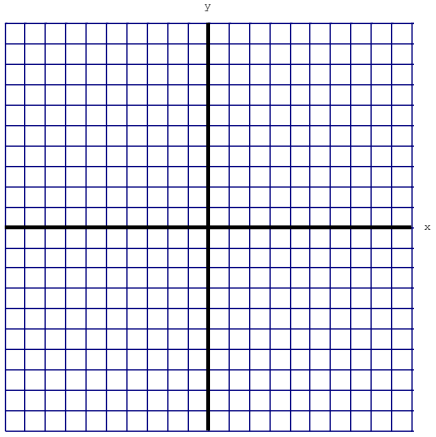
1. $y = \frac{1}{2}x - 3$

   $y = \frac{3}{2}x - 1$



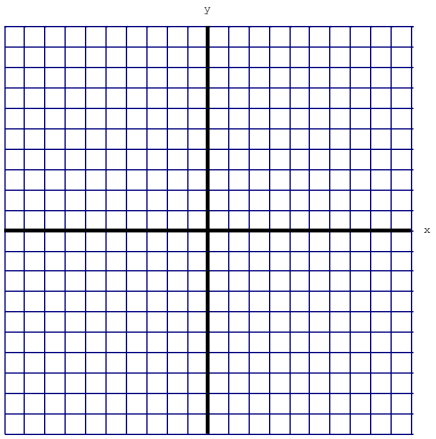
2. $y = -\frac{5}{3}x + 3$

   $x - 3y = 9$



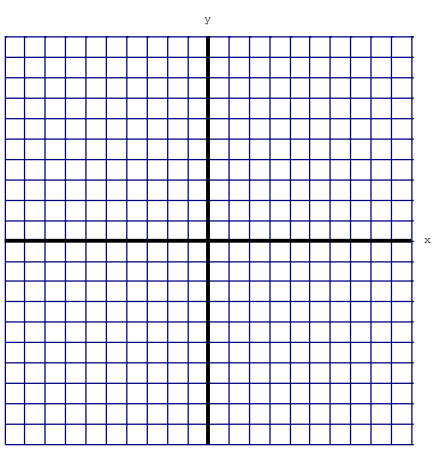
3. $y = x + 1$

   $y = 4$



4. $x = -2$

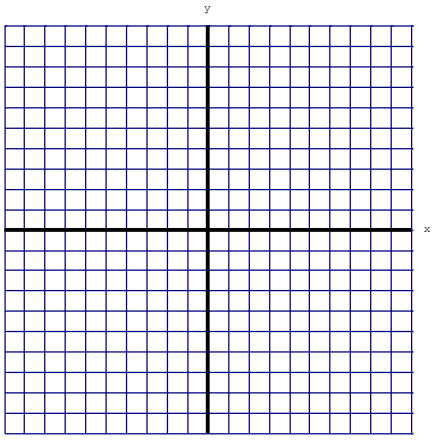
   $6x - 2y = -6$



Unit 2 2.4p **Solving Systems – Graphing & Substitution Practice** Name: _____

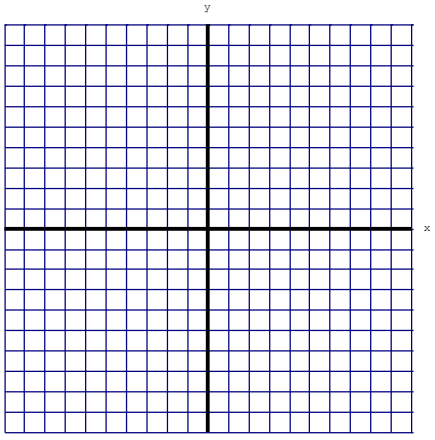
5. $y = \frac{-3}{4}x + 2$

   $4y = -3x - 4$



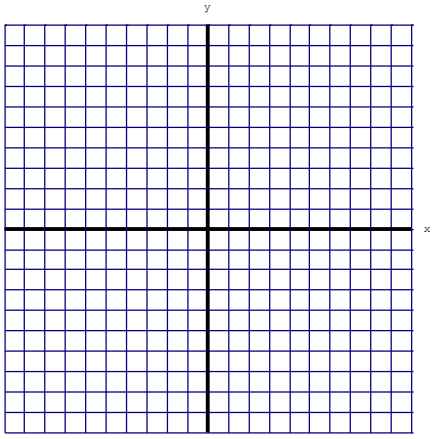
6. $5y = 2x - 15$

   $6x - 15y = 45$



7. $x + y = 4$

   $y = \frac{1}{2}x - 1$



8. Your English teacher is giving you a test worth 200 points containing only 6 questions. There are some short answer questions that are worth twenty-five points each and there are some essay questions that are worth fifty points each. How many of each type of question are there on the test?