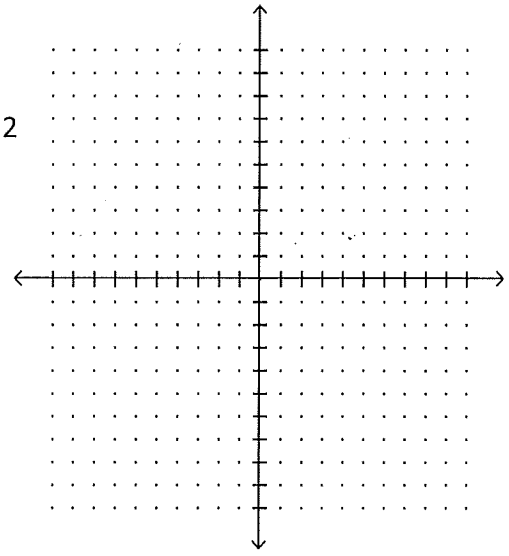
AA – WS 6.1 Name: _____

Solve each system of equations by graphing. Show all work to receive credit.

Be sure to identify the solution: the intersection point (x, y), no solution, or infinitely many solutions.

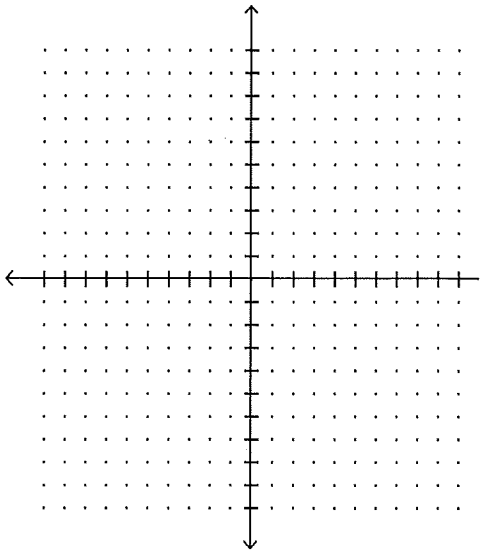
1. $y = x + 2$

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



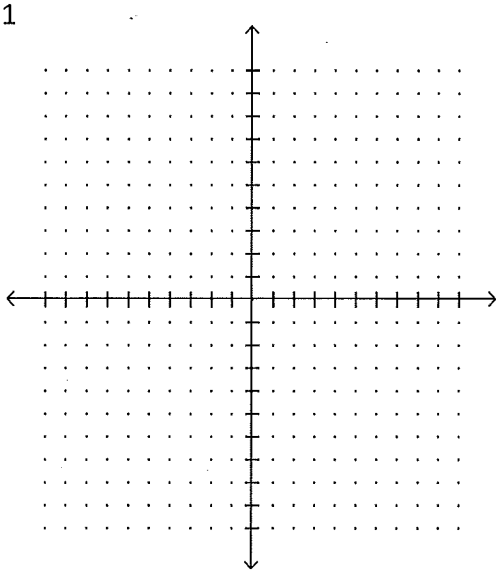
2. $y = 1$

   $y = x$



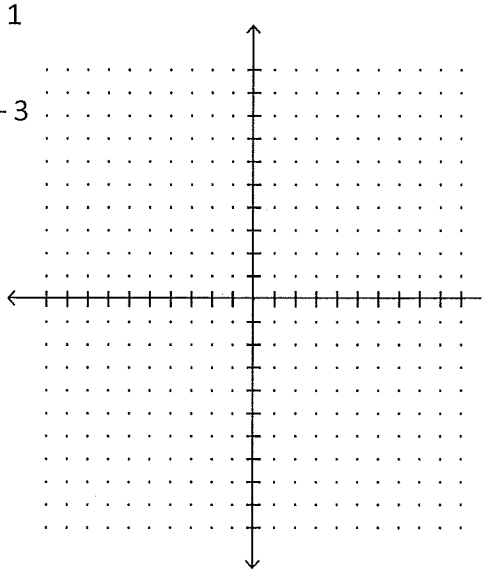
3. $y = -\frac{1}{3}x + 1$

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



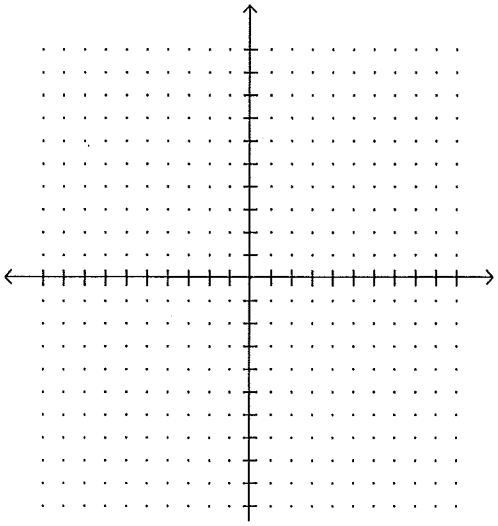
4. $y = -2x + 1$

   $y = -2x - 3$



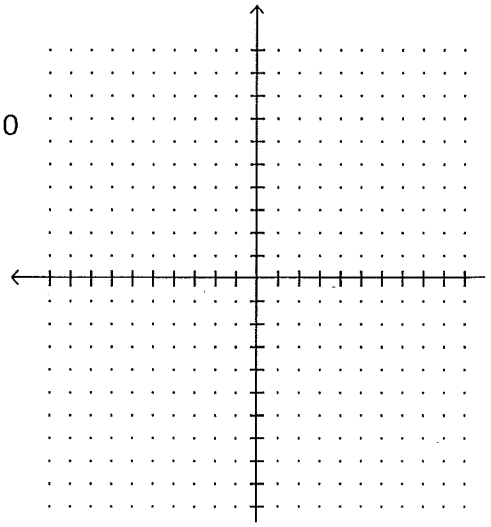
5. $y = x + 4$

   $y = 4x + 1$



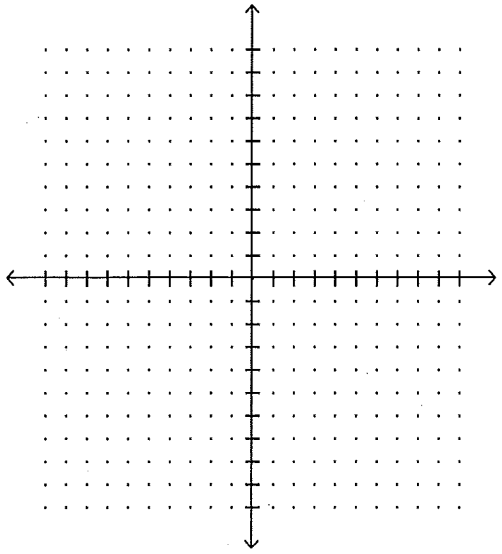
6. $y = \frac{3}{5}x$

   $3x - 5y = 0$



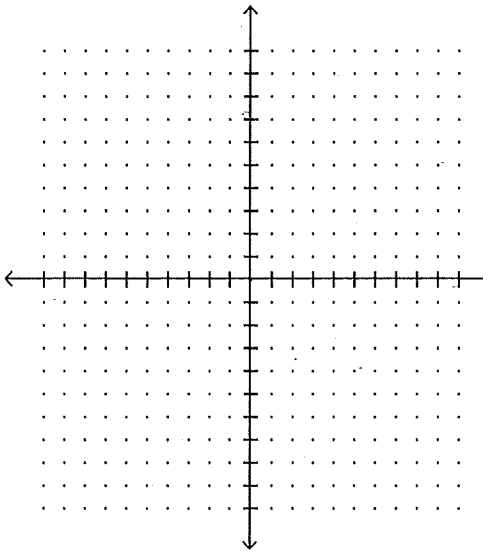
7. $y = \frac{1}{2}x + 2$

$y = -x + 5$



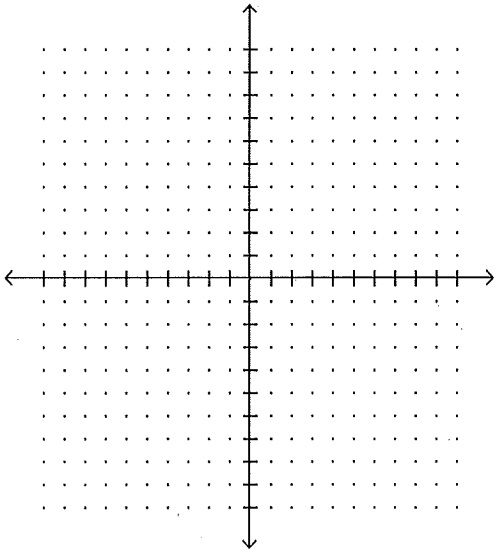
8. $y = x$

$y = -5x$



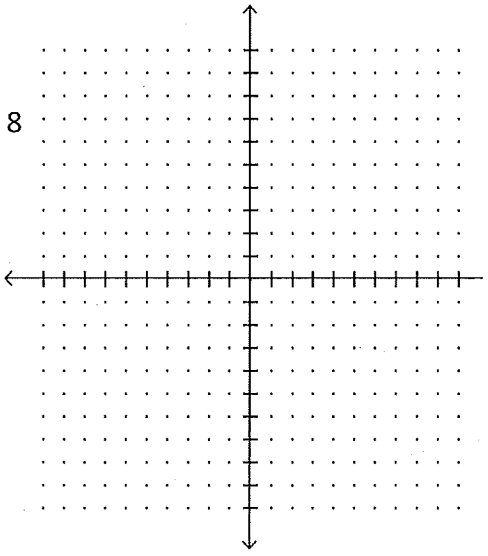
9. $x + y = 4$

$2x + 2y = 8$



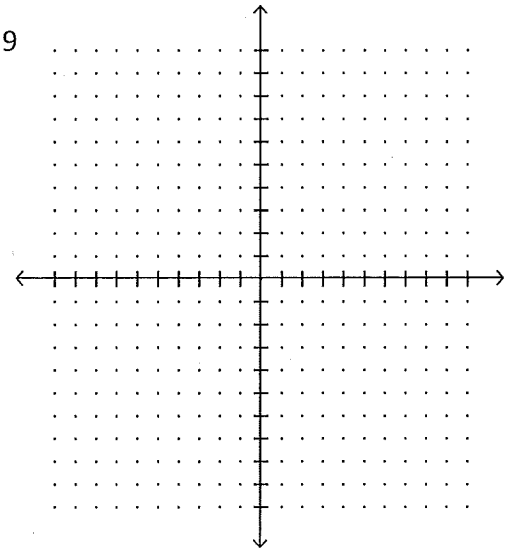
10. $x = 2$

$y = -3x + 8$



11. $y = 5x + 6$

$15x - 3y = 9$



12. $3x + 4y = 12$

$2x + 4y = 8$