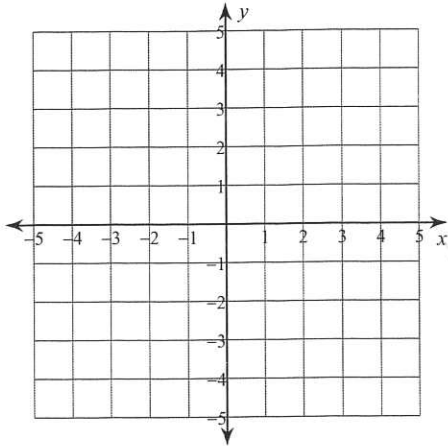


6.1 Solving Systems by Graphing HW-2

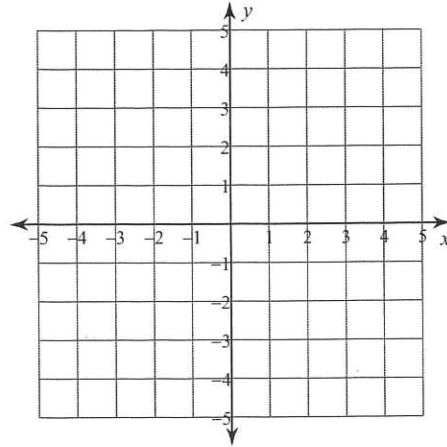
Date _____ Period _____

1. Solve each system by graphing.
 2. Identify the number of solutions, if any.

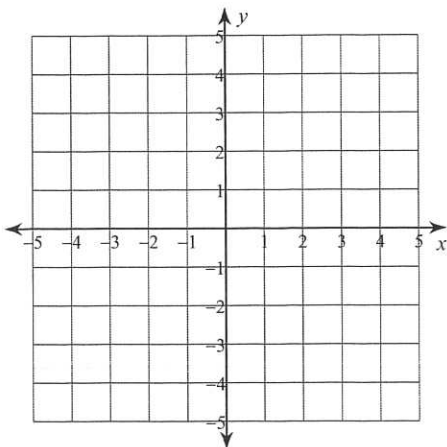
1) $3x + 4y = -8$
 $3x - 4y = -16$



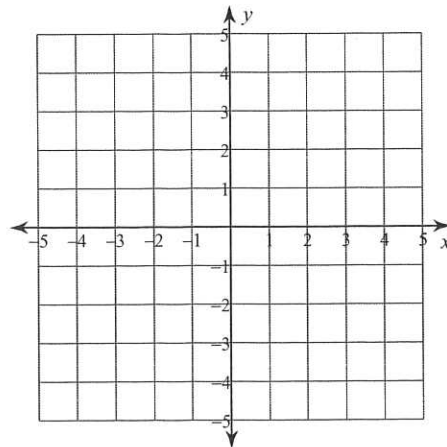
2) $7x - y = -3$
 $y = -4$



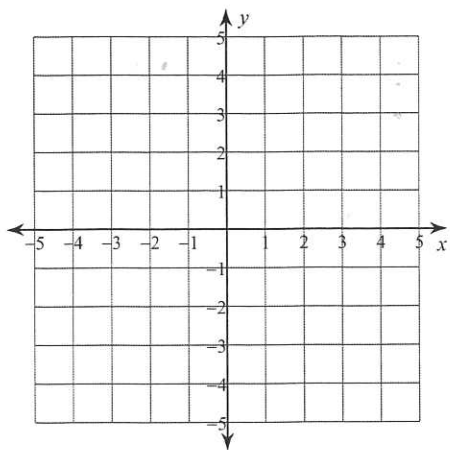
3) $x - 3y = 9$
 $5x - 3y = -3$



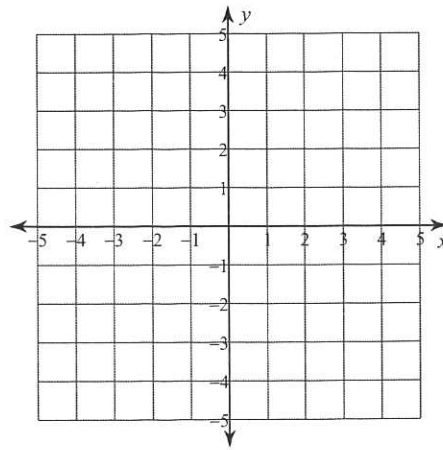
4) $x - y = -3$
 $3x + 2y = -4$



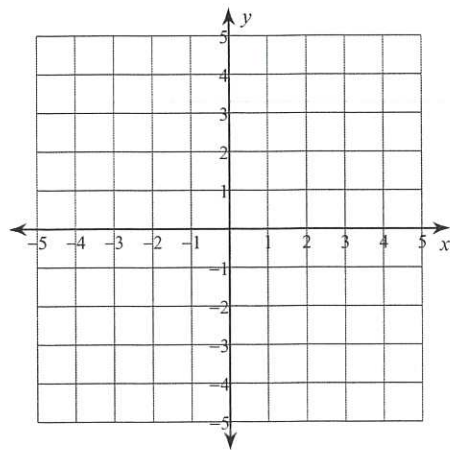
$$5) \begin{aligned} 3x - 2y &= -4 \\ 4 + 2y &= x \end{aligned}$$



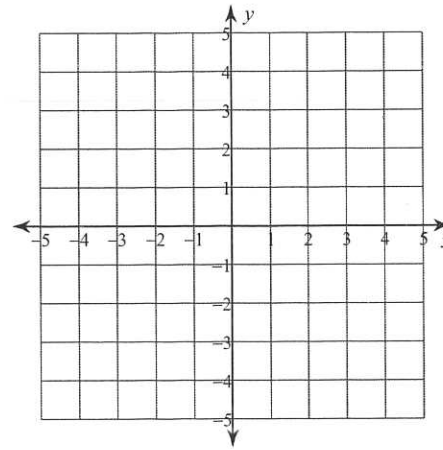
$$6) \begin{aligned} -4y &= 5x - 8 \\ 32 - 2x &= -8y \end{aligned}$$



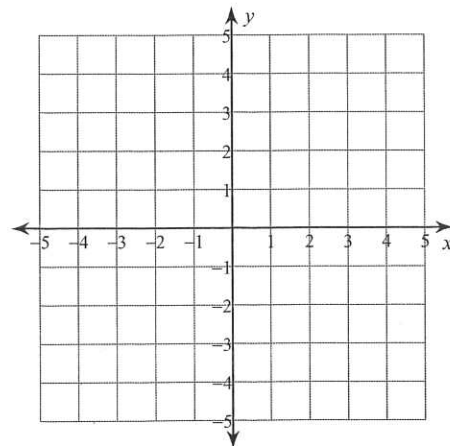
$$7) \begin{aligned} -1 &= -y - x \\ 4x &= -y - 2 \end{aligned}$$



$$8) \begin{aligned} -y + 3x &= -2 \\ x + y &= -2 \end{aligned}$$



$$9) \begin{aligned} 0 &= 16 + 7x + 4y \\ -4y &= -16 - x \end{aligned}$$



$$10) \begin{aligned} 1 - \frac{2}{3}x &= -y \\ 4x &= -6y + 18 \end{aligned}$$

