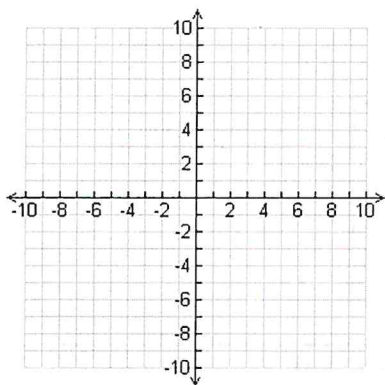


Solving Systems of Equations by Graphing – Day 2

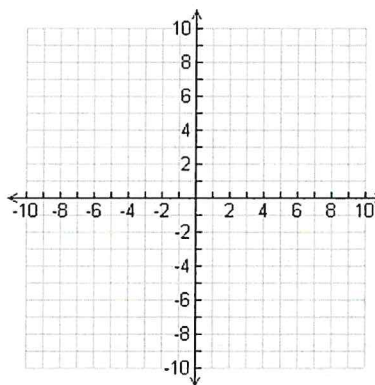
Unit 4: Systems

Solve each of the following systems by GRAPHING:

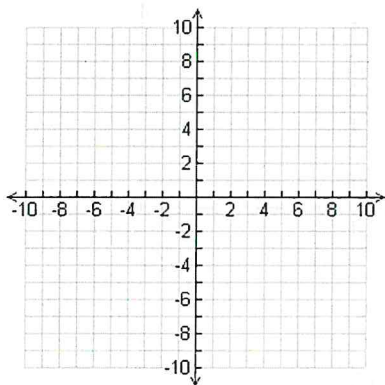
1. $-y = 8 + x$
 $-x - 12 = -3y$



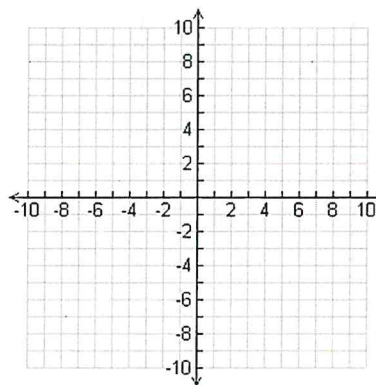
2. $-2 = -y$
 $-10 = -2y + 3x$



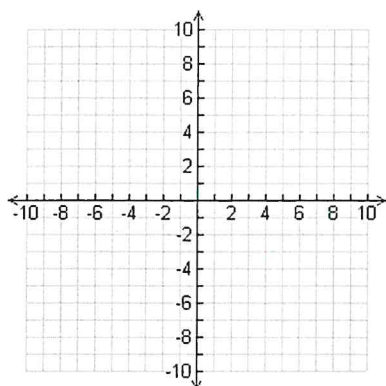
3. $-x - 2 - y = 0$
 $0 = -2 - y - x$



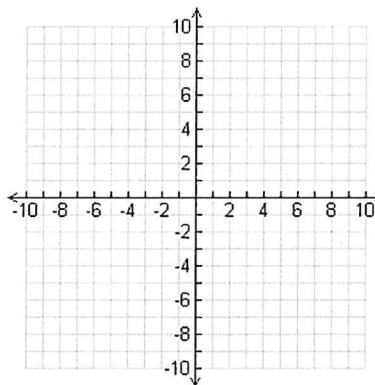
4. $x + 8 - 2y = 0$
 $y + 9 = -6x$



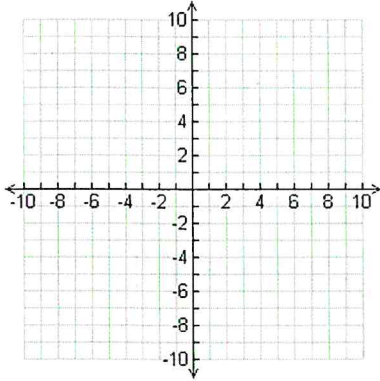
5. $-1 - \frac{1}{5}y = -\frac{1}{30}x$
 $-12 = -10x - 12y$



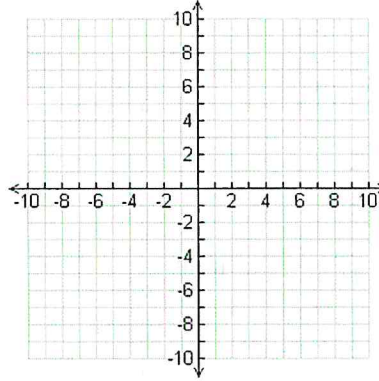
6. $x + 2y = -4$
 $-9y = -12x - 81$



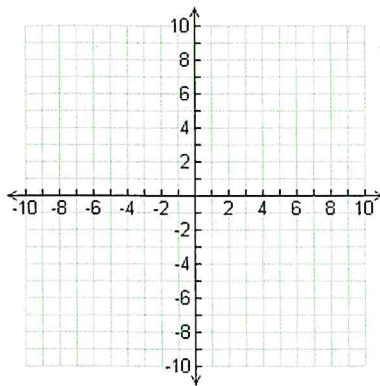
$$7. \begin{aligned} x &= 7y + 56 \\ 3x + 28 &= -7y \end{aligned}$$



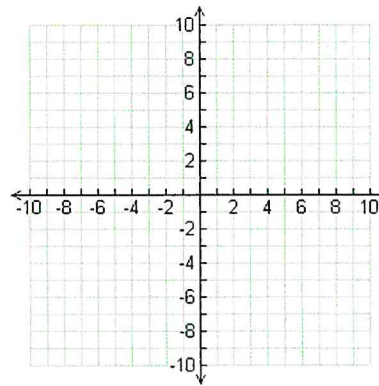
$$8. \begin{aligned} -2y - 14 &= -x \\ -4y &= -28 + 5x \end{aligned}$$



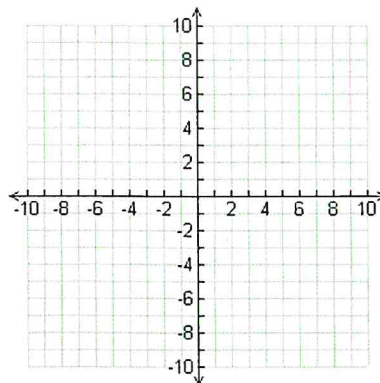
$$9. \begin{aligned} -45 &= -5y - 3x \\ 0 &= 5 - x \end{aligned}$$



$$10. \begin{aligned} 3y - 27 + x &= 0 \\ 3x &= 27 \end{aligned}$$



$$11. \begin{aligned} 0 &= x + 6y - 24 \\ 0 &= 3y - 27 - 2x \end{aligned}$$



$$12. \begin{aligned} -7y &= -7 - 9x \\ x + 63 + 7y &= 0 \end{aligned}$$

