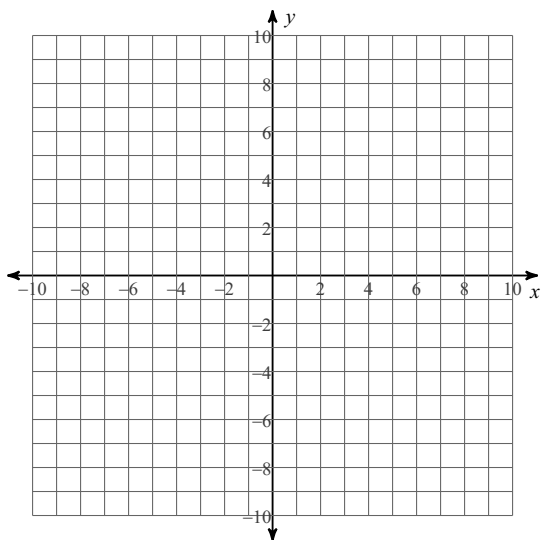


# Solving Linear Systems by Graphing

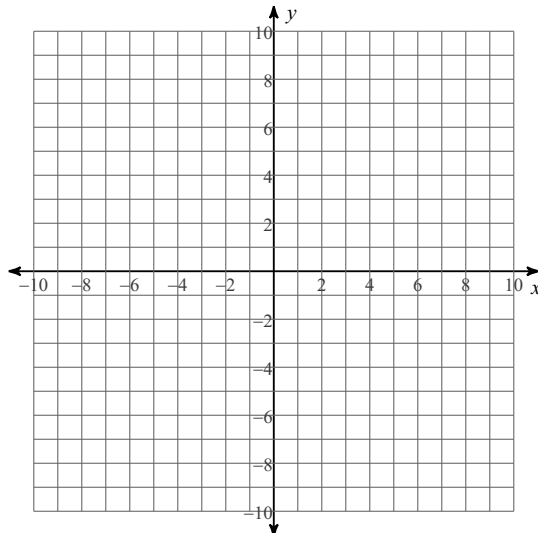
Block: \_\_\_\_\_ Mark Out Of 32 \_\_\_\_\_

**Solve each system by graphing. Show your check of the solution. 4 marks each**

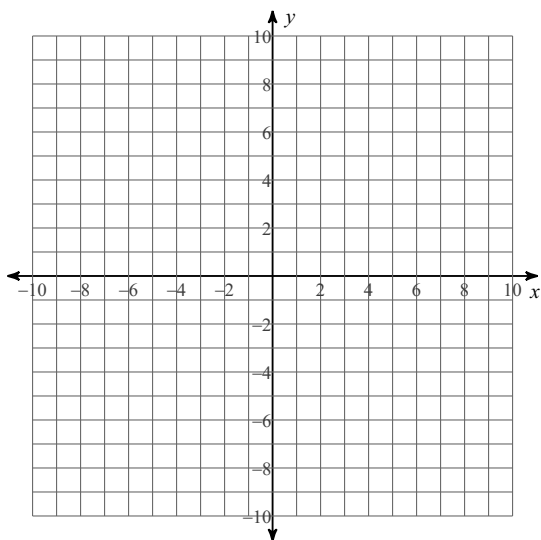
1)  $y = \frac{1}{5}x + 7$   
 $y = -3x - 9$



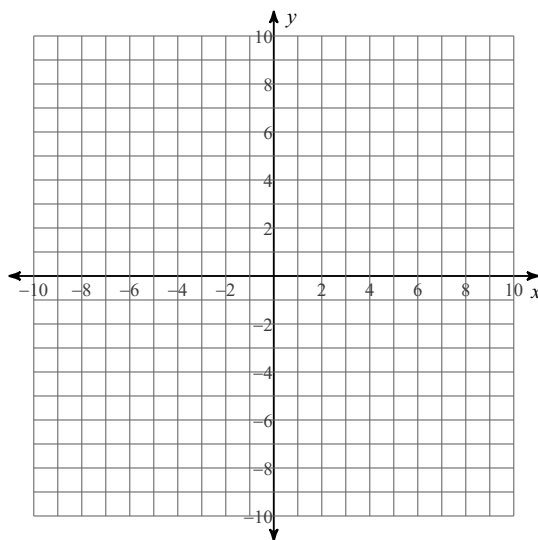
2)  $y = -x + 9$   
 $y = x + 5$



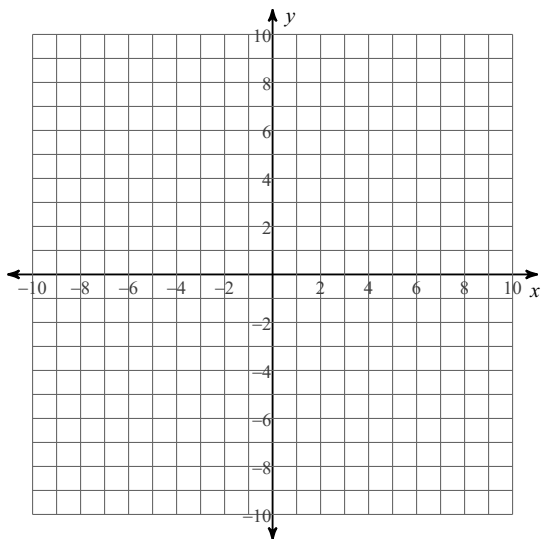
3)  $y = -\frac{3}{2}x + 9$   
 $y = \frac{3}{8}x - 6$



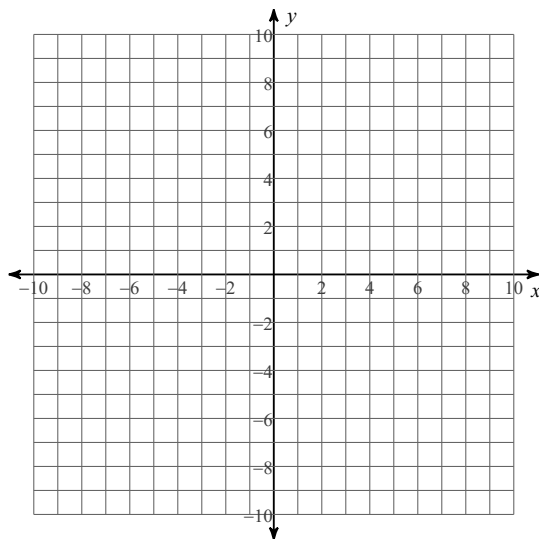
4)  $y = -\frac{1}{2}x + 8$   
 $y = -\frac{1}{2}x + 3$



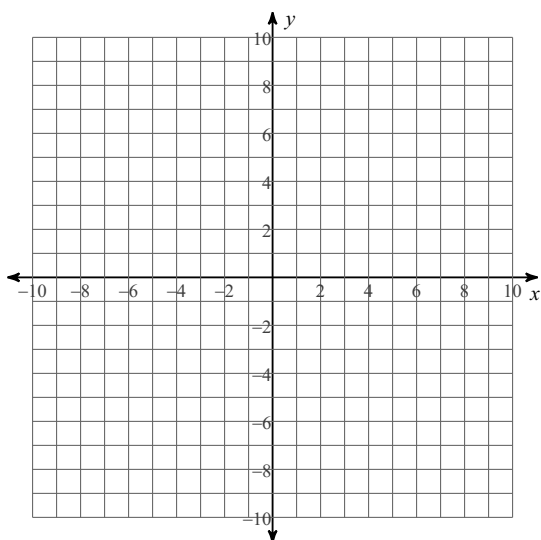
$$5) \begin{aligned} x + 5y &= 10 \\ x &= -5 \end{aligned}$$



$$6) \begin{aligned} 9x - 2y &= 14 \\ 3x + 2y &= 10 \end{aligned}$$



$$7) \begin{aligned} \frac{1}{8}y + \frac{7}{24}x &= -1 \\ -3y &= -10x - 27 \end{aligned}$$



$$8) \begin{aligned} -6 + 3y &= -5x \\ -10 &= x + 2y \end{aligned}$$

