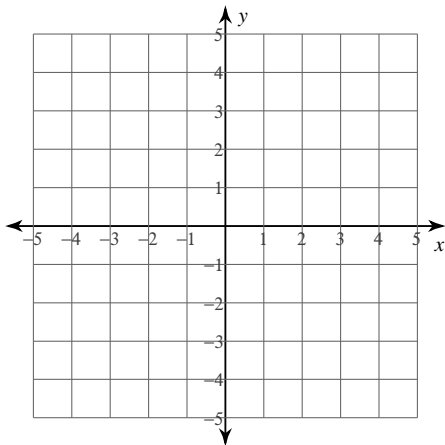


## Algebra 1.5

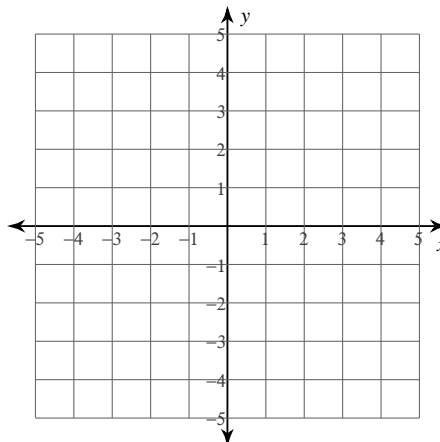
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**Solve each system by graphing. Check your answer with your calculator.**

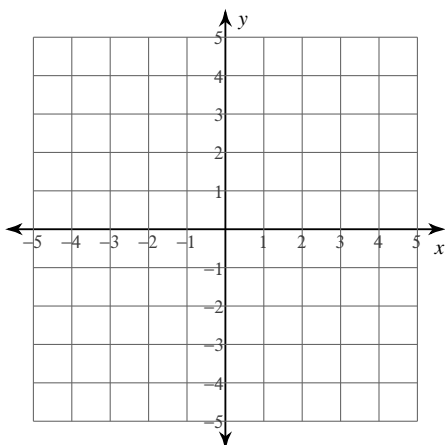
$$1) \begin{aligned} y &= x + 4 \\ y &= -x + 2 \end{aligned}$$



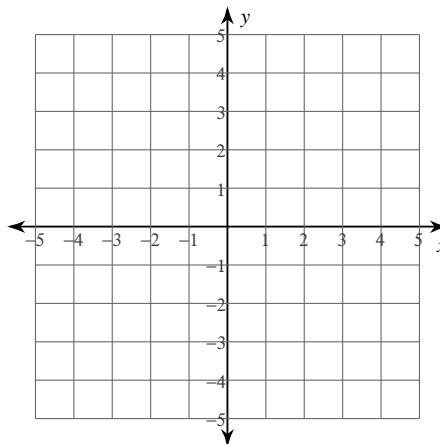
$$2) \begin{aligned} y &= -\frac{5}{2}x + 2 \\ y &= \frac{1}{2}x - 4 \end{aligned}$$



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

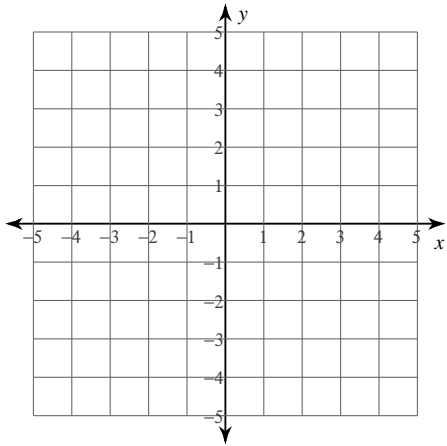


$$4) \begin{aligned} y &= \frac{1}{2}x + 2 \\ y &= 2x - 4 \end{aligned}$$



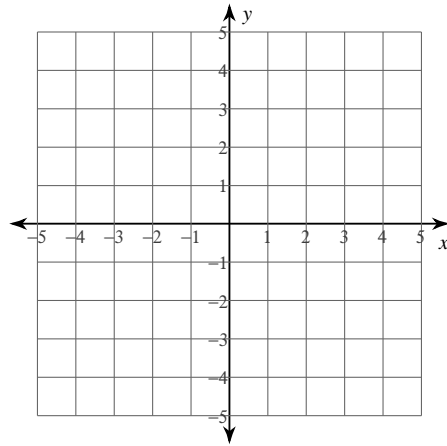
$$5) y = \frac{1}{3}x + 1$$

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



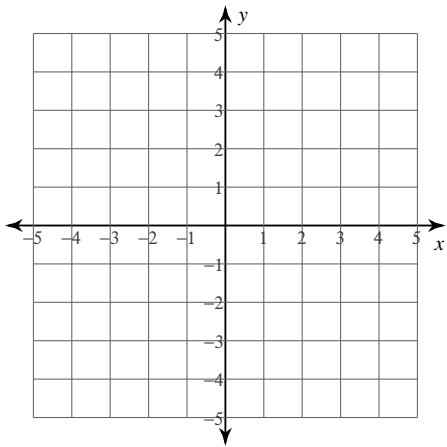
$$6) y = \frac{1}{2}x - 1$$

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



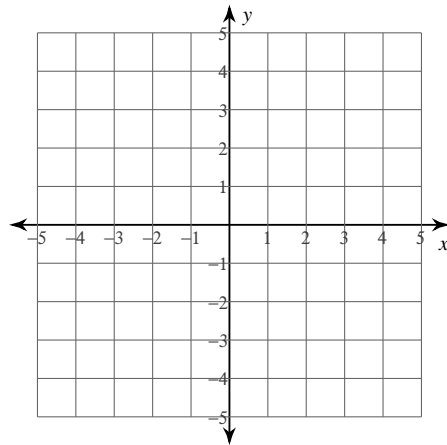
$$7) y = -4x - 4$$

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

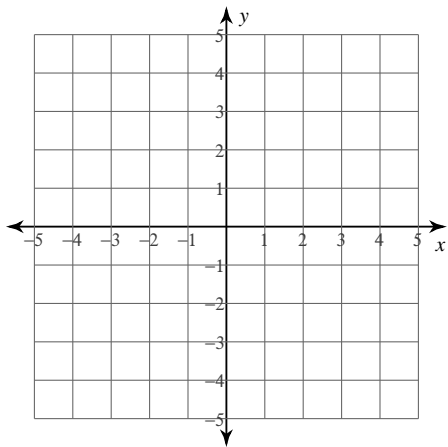


$$8) y = -x - 1$$

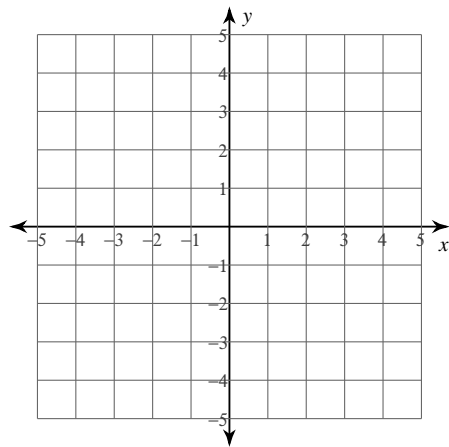
$$y = -6x + 4$$



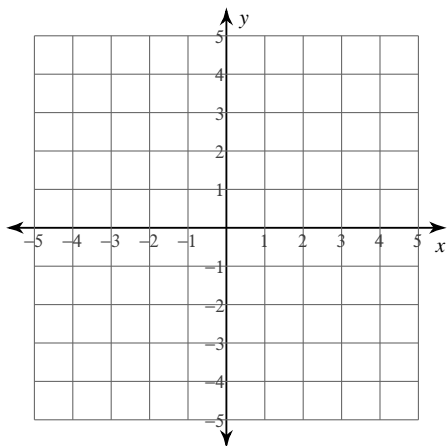
9)  $7x - y = -3$   
 $x - y = 3$



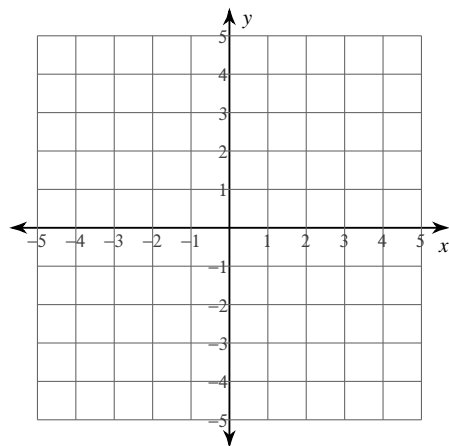
10)  $2x + y = -4$   
 $2x - 3y = -12$



11)  $3x + 4y = 8$   
 $x - 2y = 6$

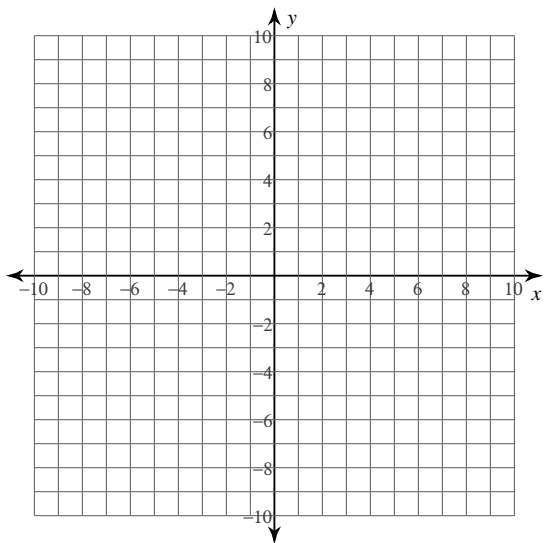


12)  $5x + 3y = 12$   
 $2x - 3y = 9$



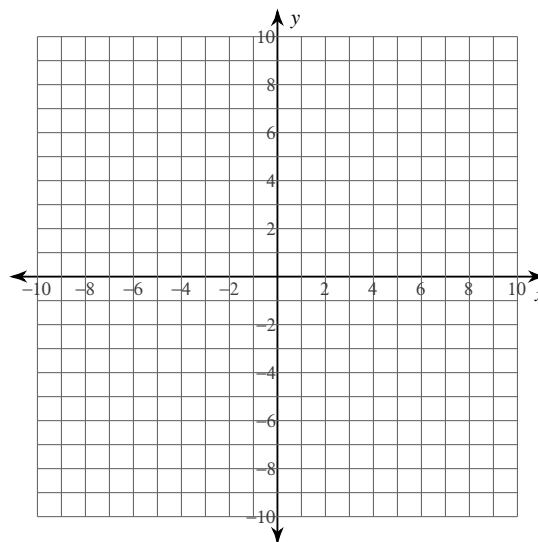
$$13) y = \frac{3}{2}x + 6$$

$$y = \frac{1}{4}x - 4$$



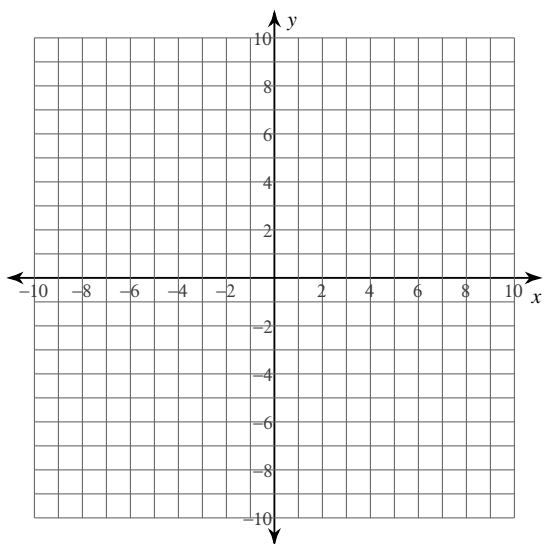
$$14) y = -x - 4$$

$$y = 7x + 4$$



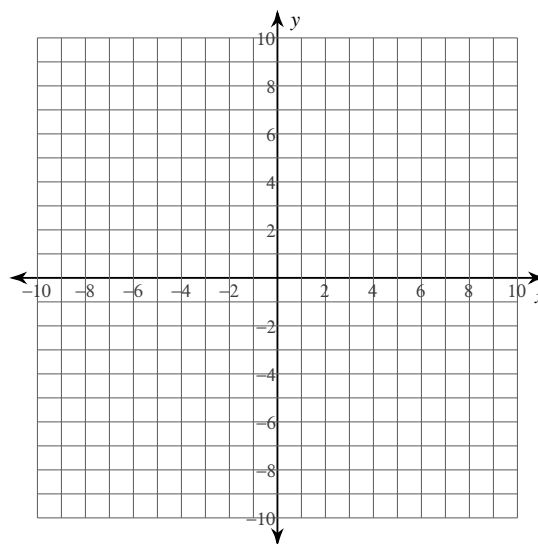
$$15) y = -\frac{6}{5}x - 3$$

$$y = -\frac{6}{5}x + 7$$

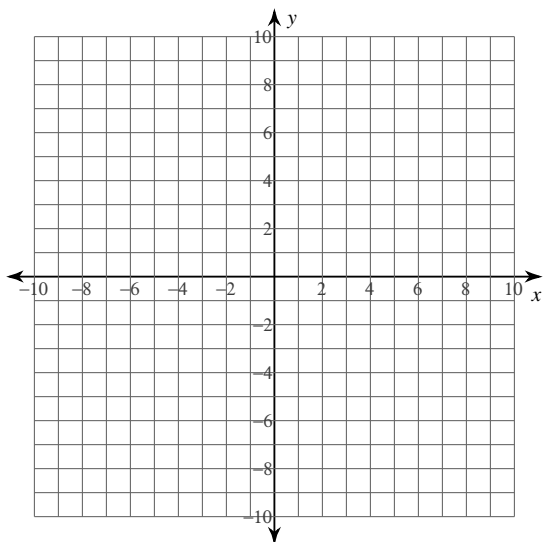


$$16) y = \frac{11}{8}x - 5$$

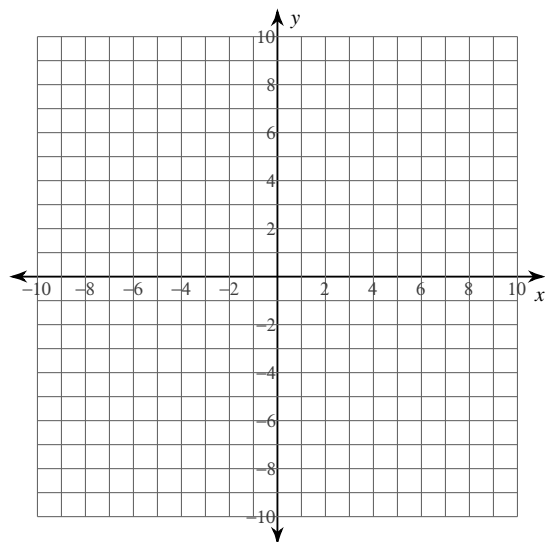
$$y = \frac{11}{8}x + 1$$



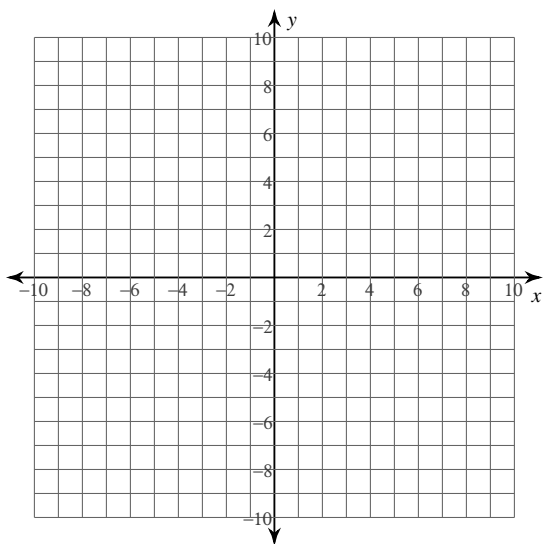
17)  $3x + 4y = -12$   
 $13x + 4y = 28$



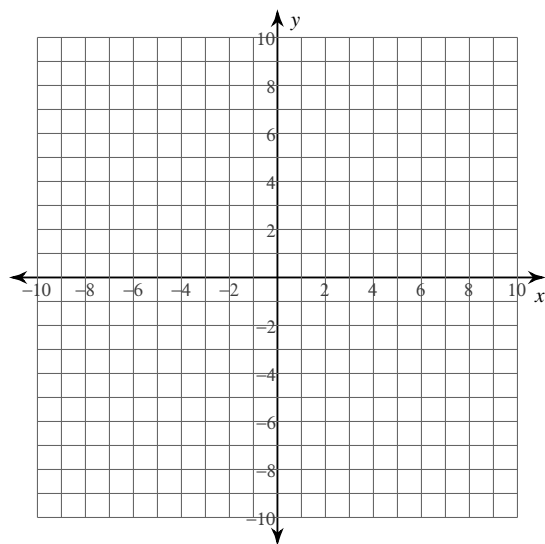
18)  $3x + y = -6$   
 $4x - y = -1$



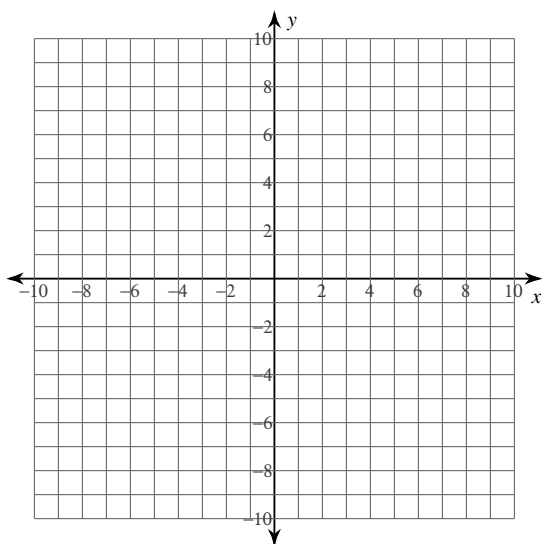
19)  $2x - y = 9$   
 $2x + y = -5$



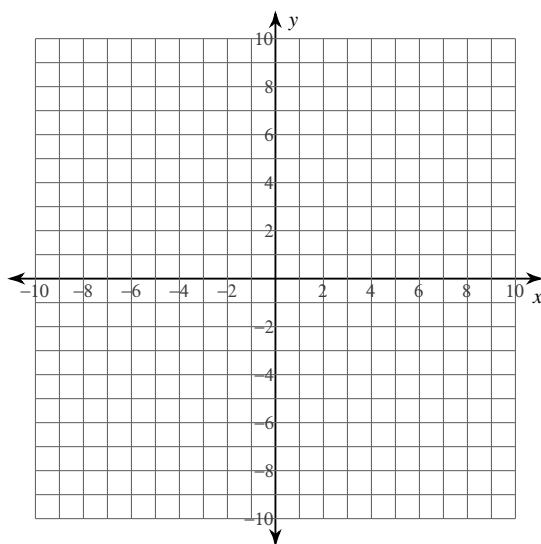
20)  $x + 3y = -24$   
 $8x + 3y = -3$



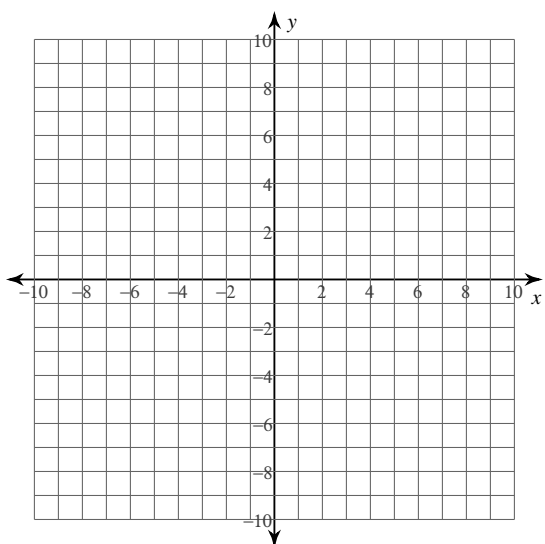
21)  $3y + 6x = -24$   
 $-3y = -x - 18$



22)  $y - x = -9$   
 $-4y + 8 = 7x$



23)  $13x = 48 + 8y$   
 $x = 64 - 8y$



24)  $x = \frac{1}{2} - \frac{1}{6}y$   
 $-7 - x = y$

