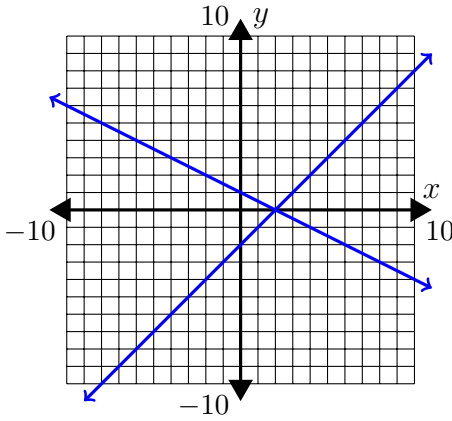


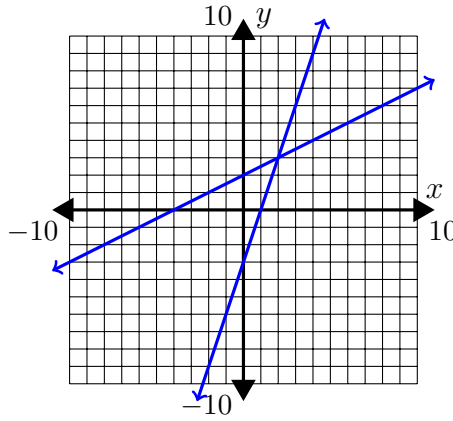
Systems of Equations Worksheet 1

For exercises 1-9, write the point of intersection.

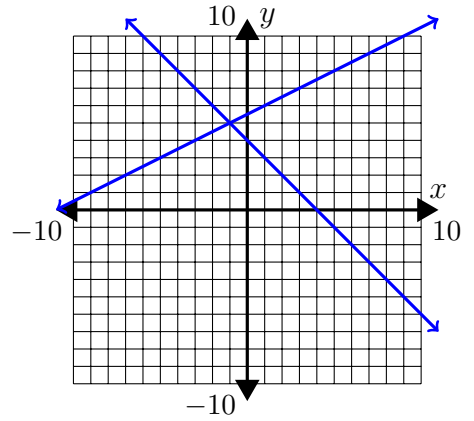
1.



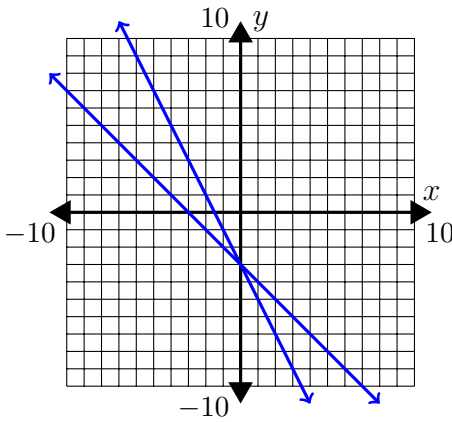
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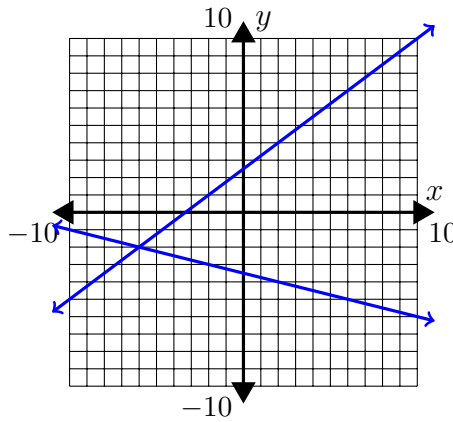
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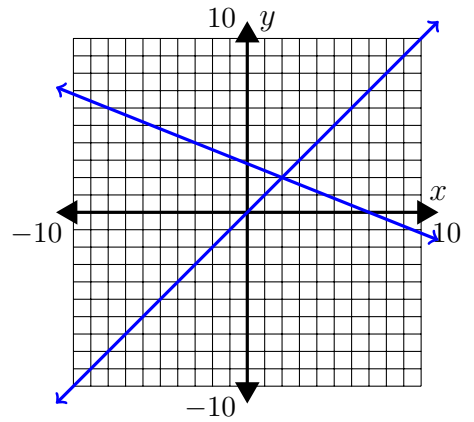
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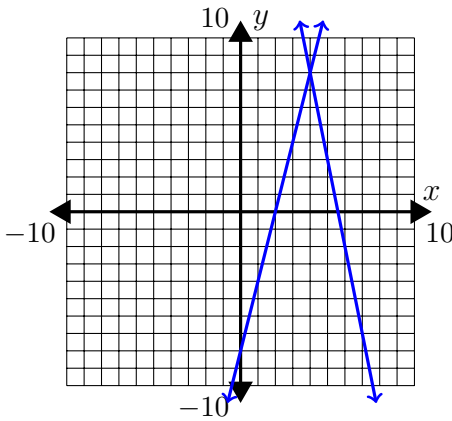
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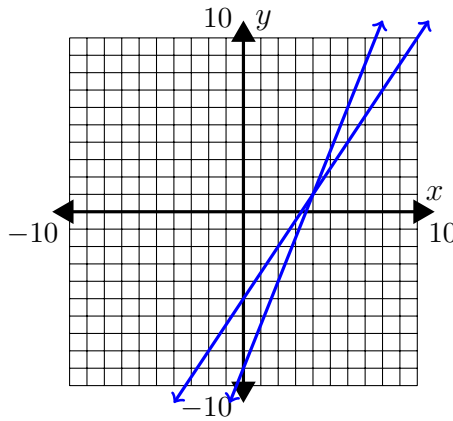
6.



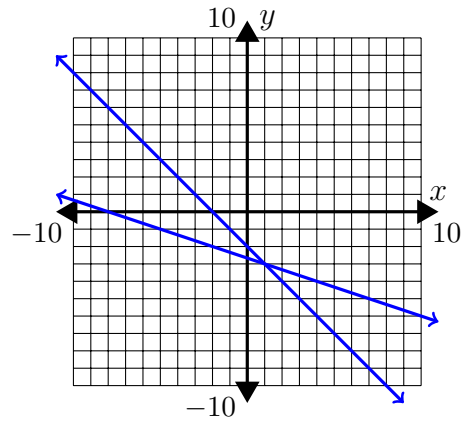
7.



8.

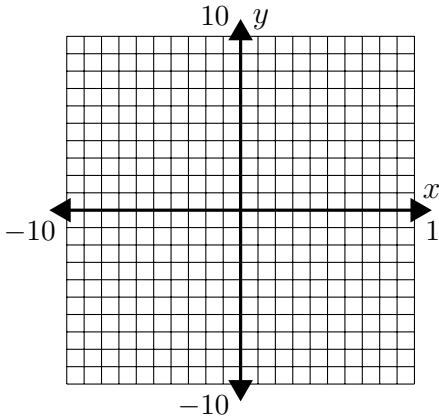


9.

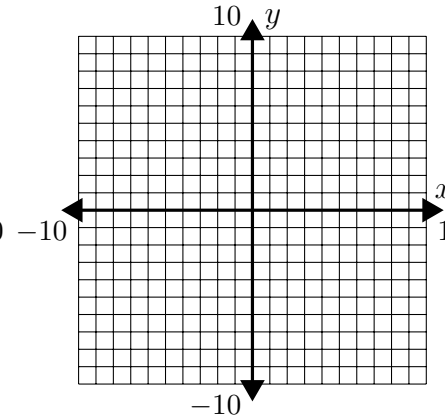


For exercises 10-18, graph each pair of lines, then write the point of intersection.

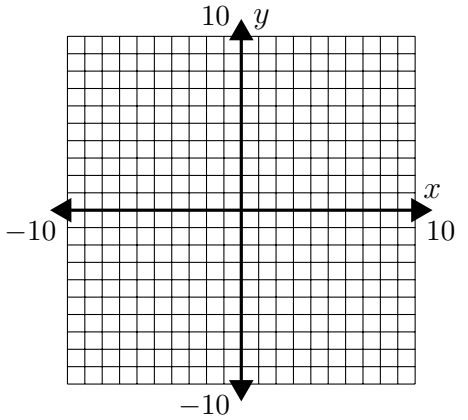
10.
$$\begin{cases} y = -2x - 3 \\ y = -x - 2 \end{cases}$$



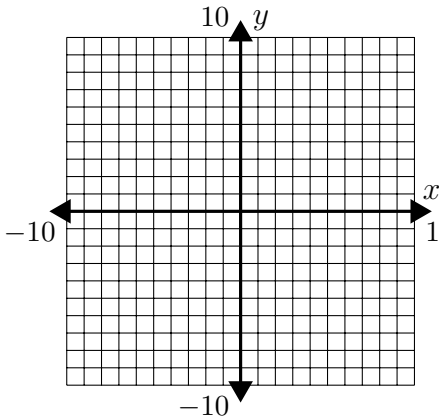
11.
$$\begin{cases} y = -\frac{1}{2}x + 9 \\ y = 6 \end{cases}$$



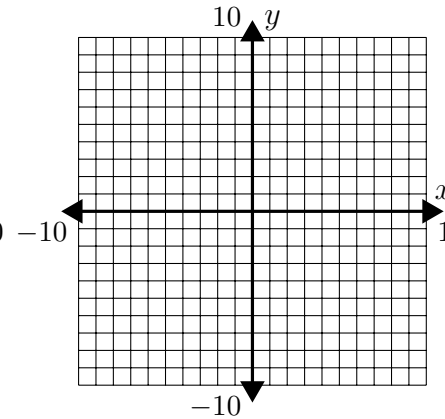
12.
$$\begin{cases} y = 2x + 3 \\ y = \frac{2}{3}x + 7 \end{cases}$$



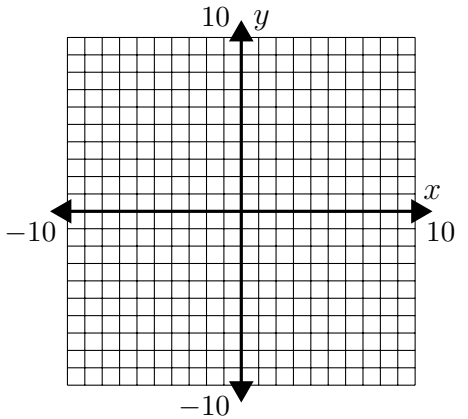
13.
$$\begin{cases} y = \frac{1}{2}x + 5 \\ y = \frac{2}{5}x + 6 \end{cases}$$



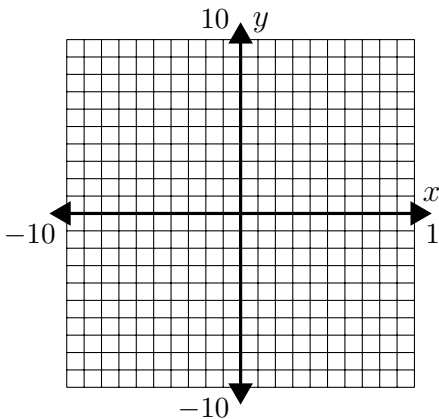
14.
$$\begin{cases} y = \frac{5}{2}x + 4 \\ y = -x - 10 \end{cases}$$



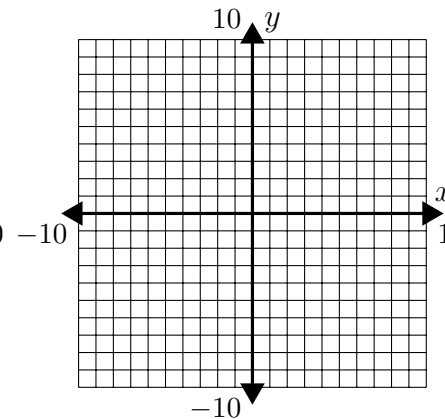
15.
$$\begin{cases} y = \frac{1}{3}x - 8 \\ y = -x + 4 \end{cases}$$



16.
$$\begin{cases} y = -\frac{2}{3}x + 2 \\ y = \frac{1}{2}x - 5 \end{cases}$$



17.
$$\begin{cases} y = x - 4 \\ x = 1 \end{cases}$$



18.
$$\begin{cases} y = -\frac{4}{3}x - 10 \\ y = 5x + 9 \end{cases}$$

