Sketching Implicit Straight Line Graphs GREEN

* For each of the following, copy and complete the $x$/$y$ table to find two coordinates.
* Then plot the points and draw the graph.
* Don’t forget to label it!

|  |  |  |
| --- | --- | --- |
| a) $x+y=10$ | b) $2x+y=8$ | c) $y-x=2$ |
| d) $y-4x=-8$ | e) $2y-6x=12$ | f) $5x+2y=10$ |
| g) $3x-2y=12$ | h) $3y-2x+3=0$ | i) $4x-y=2$ |
| j) $5y-4x=20$ | k) $6x-2y+12=0$ | l) $3y-2x-3=0$ |

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Sketching Implicit Straight Line Graphs AMBER

* For each of the following, copy and complete the $x$/$y$ table to find two coordinates.
* Then plot the points and draw the graph.
* Don’t forget to label it!

|  |  |  |
| --- | --- | --- |
| a) $x+y=10$If $x=0$, $y=10$If $y=0$, $x=$ | b) $2x+y=8$If $x=0$, $y=$If $y=0$, $x=$ | c) $y-x=2$If $x=$ If $y=$  |
| d) $y-4x=-8$ | e) $2y-6x=12$ | f) $5x+2y=10$ |
| g) $3x-2y=12$ | h) $3y-2x+3=0$ | i) $4x-y=2$ |
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Sketching Implicit Straight Line Graphs AMBER

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| j) $5y-4x=20$ | k) $6x-2y+12=0$ | l) $3y-2x-3=0$ |

Sketching Implicit Straight Line Graphs RED

* For each of the following, copy and complete the $x$/$y$ table to find two coordinates.
* Then plot the points and draw the graph.
* Don’t forget to label it!

|  |  |  |
| --- | --- | --- |
| a) $x+y=10$If $x=0$, $y=10$If $y=0$, $x=$ | b) $2x+y=8$If $x=0$, $y=$If $y=0$, $x=$ | c) $y-x=2$If $x=0$, $y=$If $y=0$, $x=$ |
| d) $y-4x=-8$If $x=0$, $y=$If $y=0$, $x=$ | e) $2y-6x=12$If $x=0$, $y=$If $y=0$, $x=$ | f) $5x+2y=10$If $x=0$, $y=$If $y=0$, $x=$ |
| g) $3x-2y=12$If $x=0$, $y=$If $y=0$, $x=$ | h) $3y-2x+3=0$If $x=0$, $y=$If $y=0$, $x=$ | i) $4x-y=2$If $x=0$, $y=$If $y=0$, $x=$ |
| j) $5y-4x=20$If $x=0$, $y=$If $y=0$, $x=$ | k) $6x-2y+12=0$If $x=0$, $y=$If $y=0$, $x=$ | l) $3y-2x-3=0$If $x=0$, $y=$If $y=0$, $x=$ |