



Example: $y=-3 x \quad-3 / 1$ (Down 3 and 1 to the right)

| Input | Output |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



The Y-Intercept - The point where the line crosses the $y$-axis. Remember to carry the addition or subtraction sign with the number. Also remember that $\mathrm{x}=0$
Examples: $\quad y$-int ordered pair

| $y=2 x+4$ | - |  |
| :--- | :--- | :--- |
| $y=x-2$ | - |  |
| $y=-3 x$ | - |  |


Slope Intercept Form Example: $y=2 x-3$

| Input | Output |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



Example: $y=-x+2$

| Input | Output |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



```
Example: y = 3x-3
```

Example: $\mathbf{y}=3 \mathbf{x - 3}$

| Input | Output |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Example: $\mathrm{y}=(2 / 3) \mathrm{X}+1$

| Input | Output |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



Example: $\mathrm{y}=2 \mathrm{x}+3$
Try doing this example without the use


