## Bell Work

$$
\begin{aligned}
& \text { Graph } \\
& y=-2 x+3
\end{aligned}
$$



Two-Variable Inequalities Graph each inequality.

1. $y<x$
1) $\mathrm{Slope}=\frac{1}{1}$
2) $y-\ln t=0$
3) dashed
4) below






$$
\begin{aligned}
& \text { 7. }-2 x-y \geq 1 \\
& \text { +2x }+2 x \\
& -y \geq \frac{2 x}{-1}+\frac{1}{-1} \\
& \frac{1}{-1} \\
& y \leq-2 x-1 \\
& \text { slope }=-\frac{2}{1} \frac{d o w n}{\text { right }} \\
& y-i n t=-1 \\
& \text { solid } \\
& \text { below }
\end{aligned}
$$



## 5 9.

 minute while calls made from the US to France cost $\$ .25$ per minute.a. Write an inequality that relates the number of minutes $x$ you can use for calls within the U.S. and the number of minutes $y$ you can use for calls from the U.S. to France.
b. Graph the inequality.

$$
.10 x+.25 y \leq 25
$$




$$
\begin{aligned}
& \text { 19.y>|x|+2 } \\
& \text { Wetex } \\
& (0,2) \\
& \text { sope }=\frac{1}{1} \\
& \text { aboshed }
\end{aligned}
$$



Write an inequality for each graph. The equation for the boundary line is given.


Graph each inequality on a coordinate plane.
9) $y>-\frac{1}{6} x-1$


## Write an inequality for each graph.

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19.


$$
\begin{aligned}
& \text { vertex }(1,-4) \\
& \text { slope } \frac{2}{1}=2 \\
& y \geq 2|x-1|-4
\end{aligned}
$$

