| Please have your homework on your desk. Calculator? Yes! DATE: |  |
| :---: | :---: |
|  |  |
| TSW cal |  |
| Solve | 2 Evaluate |
| -22x+1) $\geq 3 x+3$ | when $a=-5, b=-3$, and $\underline{c}=$ |
| $-2 x-2 \geq 3 x+3$ | $-(-5)^{2}-(-3)^{2}+(-9)$ |
| $-2 \geq 5 x+3$ |  |
| $-3-3$ | -(25)-(9)-9 |
| $-5 \geq \frac{5 x}{5}$ | -25-9-9 |
| If ${ }^{5} 1 \geq x$ | -43 |
| Yhen $x \leq-1$ |  |



| Ex2 |  |  |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { Find the slope } \\ & \text { pfthe line containing } \\ & \left(\begin{array}{l} 1,-4)_{1} \text { and }(4,5) y_{2} y_{2} \\ M \\ M=\frac{y_{2}-y_{1}}{x_{2}-x_{1}} \\ =\frac{5-4}{4-1} \\ =\frac{9}{3}=\frac{3}{1} \end{array}\right. \end{aligned}$ | Plot the points <br> $(1,-4)$ and $(4,5)$ <br> Positive. | What is the rise/run? How <br> Do you move from one point <br> On the graph to the other point? $\begin{aligned} & \frac{\text { rise }}{\text { run }}=\frac{9}{3}=\frac{3}{1} \\ & \uparrow q \rightarrow 3 \end{aligned}$ |







