## INEQUALITY NOTES

SOLVING INEQUALITIES IS JUST LIKE EQUATIONS. EXCEPT FOR ONE RULE...

IF YOU DIVIDE/MULTIPLY BY A NEGATIVE YOU MUST FLIP THE INEQUALITY SIGN!!!



$$
\begin{gathered}
-9 a-9>-36 \\
+9+9
\end{gathered}
$$

$$
\frac{-9 a}{-a}>\frac{-27}{-a}
$$




## MISTAKES

$$
\begin{aligned}
& -2 p+2>8 \\
& -2 \quad-2 \\
& -2 p>86 \\
& \rightarrow \text { math } \\
& \text {-2 -2 } \\
& \sum_{p \nless-4}^{-2}
\end{aligned}
$$

\#1:

