Nonlinear Inequalities in 2 variables:

* \( x^2 + y^2 + 2x - 2y - 2 \leq 0 \)

1. Change to =
2. Use dash/solid
3. Choose test point/shade

\[
\text{ans: } x^2 + 2x + 1^2 + y^2 - 2y + 1^2 = 2 + 1 + 1
\]

\[
(x+1)^2 + (y-1)^2 = 4
\]

(0,0) test w/original

0 + 0 + 0 - 0 - 2 \leq 0 true