Notes:

SURDS

- $x^a x^b = x^{a+b}$
- $x^{-a} = 1/x^a$
- $x^{1/a} = \sqrt[a]{x}$, $x^{\frac{1}{2}} = \sqrt{x}$
- $x^a y^a = (xy)^a$
- $(x^a)^b = (x^b)^a = x^{ab}$

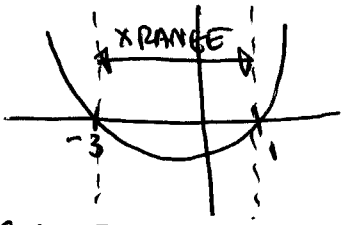
QUADRATIC INEQUALITIES

SOLVE $x^2+2x-3 \leq 0$

1) FACTOR

$(x-1)(x+3) \leq 0$

2) PICTURE



3) SOLUTION

$-3 \leq x \leq 1$

Comments: