6.5 Solving and Graphing Absolute Value Equations

The equation |ax + b| = c where $c \ge 0$ (positive) is equivalent to the statement:

$$ax + b = c OR ax + b = -c$$

http://www.youtube.com/watch?feature=player_embedded&v=u6zDpUL5R

Example: |3| = 3 and |-3| = 3so, if |x| = 3 then x = 3 or -3 I. **Solve**Get ab<u>solute value by itself,</u> make a
disjunction, solve







