

BE-1A TUESDAY 4-17-07

Solve the following:

① $|x-1| < 4$

② $|x+5| > 2$

③ $|2d-7| = -4$

Check your solution.

TAKE OUT HW: Pg 348-9 # 1, 3-5, 7-9

①

2 SPECIAL CASES, the cases for:

"ALL REAL NUMBERS" AND

"NO SOLUTION" (NO real number)

EX) $|x - 9| > -3$

EX) $|2x + 5| < -1$

$|x - 9| > -3$ will always be true since the ABSOLUTE VALUE SIDE will always be positive or zero. $\Rightarrow$ "All real numbers"

$|2x + 5| < -1$ will never be true, a positive (or zero) will always be $>$ than a negative $\Rightarrow$ "NO SOLUTION"

Group Practice: Pg 350 # 24 to 34