Math 418! 481267 10915

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Inequality involves <, ≤, 7 or >

$$3$$
 $x^2 + x < 4$

$$(1)$$
 (1) (2) (3) (4) (3) (4)

Solving as inequality?

$$-3x \leq 4$$

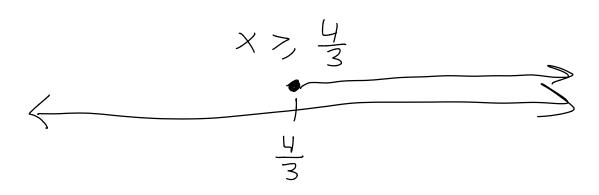
$$2x > 5 \qquad -3x \leq 4$$

$$\boxed{x > \frac{5}{2}} \qquad \boxed{x > -\frac{4}{3}}$$

When Mut. / Divide by a nea.

You MUST! Switch direction of Ireq. Save 2x+376 一 ラ 」 Solve 3x-778x-1 3x > 8x + 6-5x > 6 $\frac{-6}{5}$ > XX < 36 Not Zeso 0 = Not included

= included



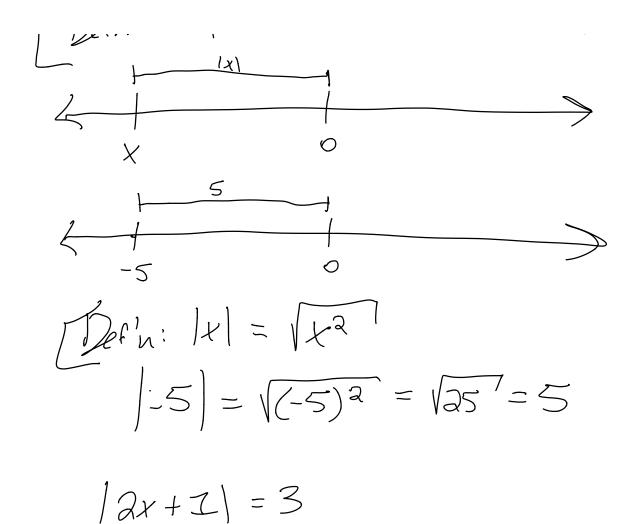
To 12:

Silve:
$$03x - 9 < 8x + 4$$

and Plot: $0 \times 1 - 1 < x + 1$
 $3 \times 9x > -5x + 2$

AbSolute Value

$$|X| = Abc$$
, Value of X



2x+1