

Algebra 1A

unit 4: Inequalities

Assignment 11

Compound Inequality Graphs

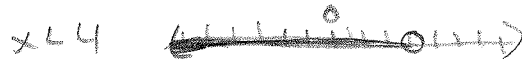
o Vocabulary:

compound inequality - two inequalities together

- intersection (and) \cap - things in both inequalities

- union (or) \cup - things in either inequality
symbol

o $\{x \mid x > 2\} \cap \{x \mid x < 4\}$
and intersection



$\{x \mid -2 < x < 4\}$

o $\{x \mid x > 1\} \cup \{x \mid x \leq -2\}$
or

can rewrite left to right



can't rewrite left to right