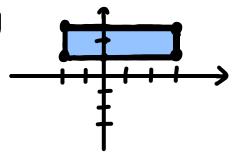
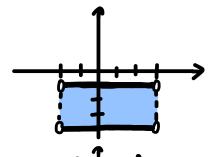
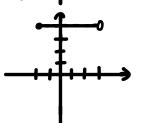
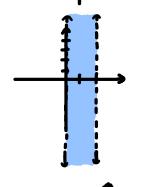
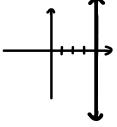
- 2: Proof. Let A, B, and C be sets.
- · SUPPOSE A SB and BSC
- . To show that ASC, we need to show that every element of A is also an element of C.
- · Suppose as A, then by the definition of subset, as B.
- · Since 9EB, then by the definition of subset, 9EC.
- . Since we now know aEC, this demonstrates ACC by the definition of subset.
- THE refore, it is now Proven that if ASB and BSC, then ASC. 13

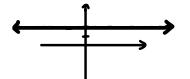












(h)
$$\{23 \times (-\infty, o)\}$$