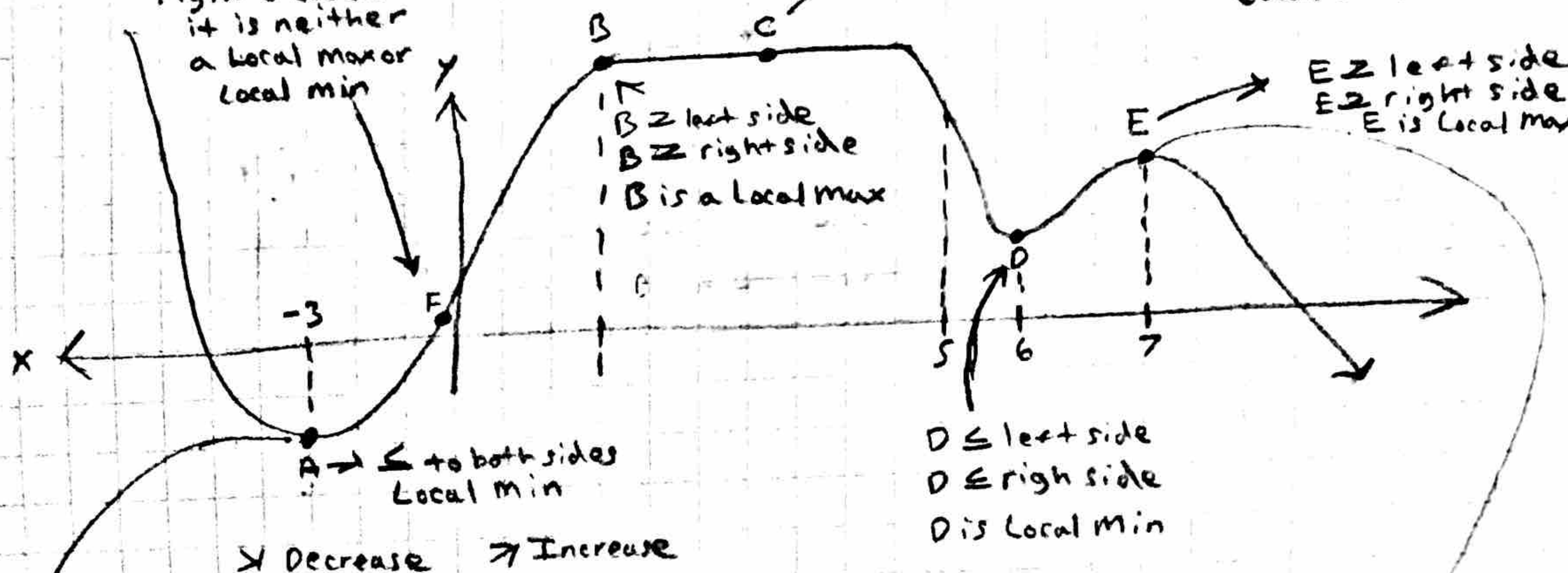


Increasing / Decreasing

Local Max / Local Min

F is \geq to the left side and \leq to the right side so it is neither a local max or local min

$C \geq$ left side
 $C \leq$ right side
 C is both Local Max
 Local Min



$(-\infty, -3) \searrow$

$(5, 6) \swarrow$

$(7, \infty) \searrow$

$(-3, 1) \nearrow$

$(6, 7) \nearrow$

Local Min

Point A is \leq the points to the left and right of it.

Local Min is a point that is \leq to both sides of the point.

Local Max

Point E is \geq the points to the left and right of it.

Local Max is a point that is \geq to both sides of the point.