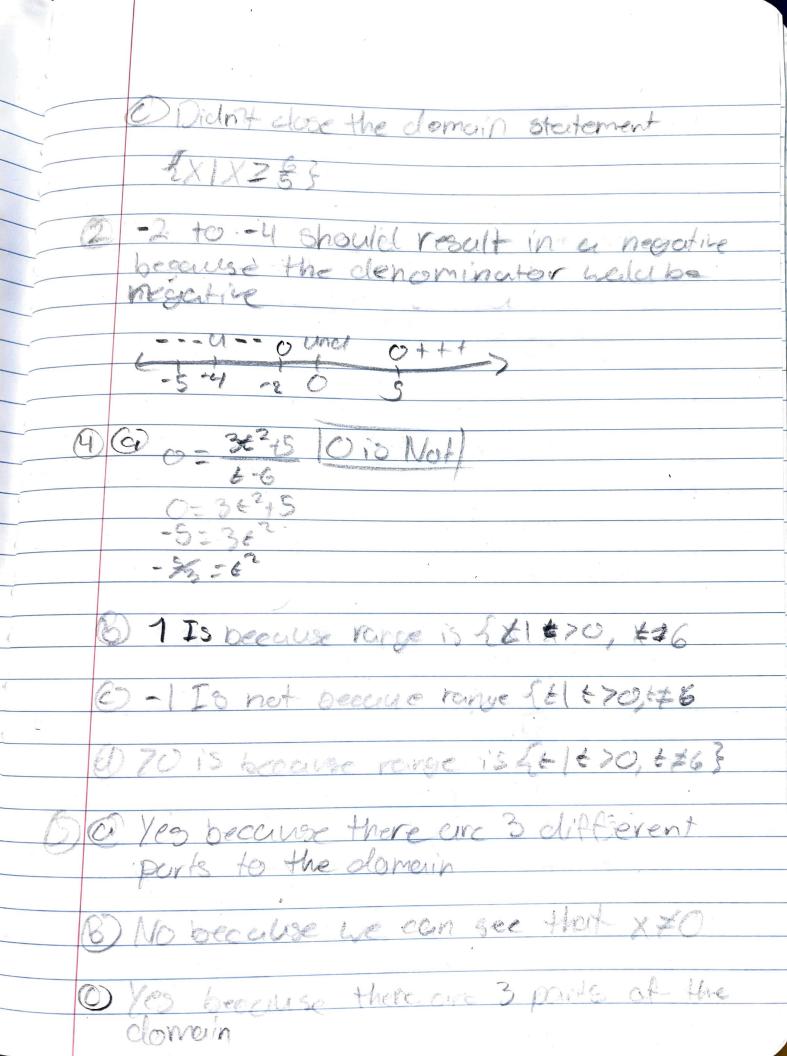
(i) /= 1/3-X 0 ≤3-x {x | X ≤3 } -3 ≤ -x 3 3 X $y = \frac{1}{x-3}$ {XIX=R, X = 3 } Beccuse X is in the denominator, 3 will make it O @ Y= N(x-1)(x+2)x 0 < (x-1)(x+2)x 1 X1 X5-2, X31, X=03 Y= x2+4 4 X | X=R3 Because X 1) in the denominator and being Equipment it will alleges be positive 1 X 1 2 7 X , X 7 3 5 x2-5x+6 (x-2) (x-3) Breause X is in the denominator and is a polynomid, the rocks of the Robinsmill ore undefined

1 X X 23 9 2 X1 X22, X1-73 Because - 7 makes this undefined any 52 mekes this negative tandout 8. a Conominator cost be 0. EXIXER, XZ-33 6) XZ & 2 doesn't meuro XZ2, XZ-2 1x1-22x, x223



(Ge) (v) =
$$\sqrt{x^2+5} \times +6$$

 $0 \le (x+2)(x+3)$
 $\sqrt{x} \times \sqrt{x^2-2}, x \le -3$
 $\sqrt{x} \times \sqrt{x^2+5} \times +6$
 $0 \ne (x+2)(x+3)$
 $\sqrt{x} \times \sqrt{x} \times \sqrt{x}$

