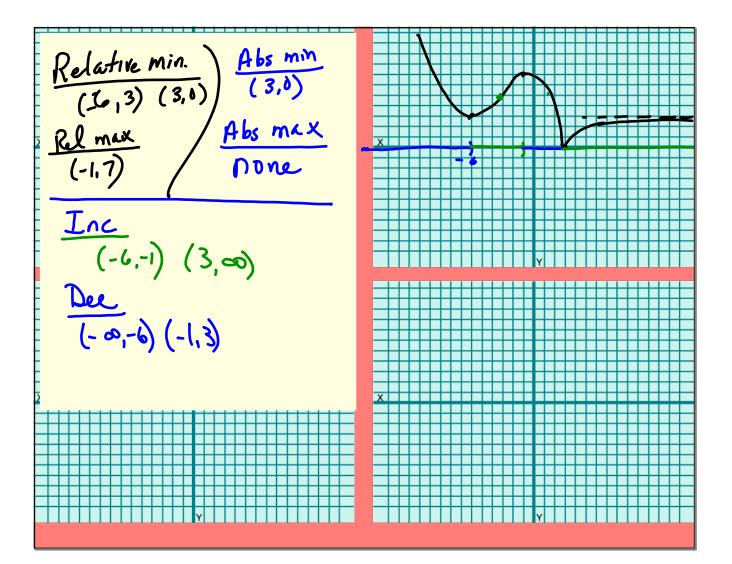
GRAPHING REVIEW Symmetry X-axis: sub in'-y? must rosult y-axis sub in - x in original Origin: sub in - x,-y function  $|(e) \chi^{2/3} + \chi^{2/3} = \chi^{2/3}$  $\sqrt[3]{x^2} + \sqrt[3]{y^2} = \sqrt[3]{16}$   $y_{0,5} = \sqrt[3]{x^2} + \sqrt[3]{(-y)^2} = \sqrt[3]{16}$   $\sqrt[3]{x^2} + \sqrt[3]{(-y)^2} = \sqrt[3]{16}$ yes V(x)2 + Vy2 = VI6 Ongrin  $\sqrt[3]{(-x)^2} + \sqrt[3]{(-y)^2} = \sqrt[3]{16}$ yes Even/Old Functions  $f'(x) = \frac{x}{-x^3 + x}$  $f(-x) = \frac{x^{b}}{-(-x)^{3}+}$ Even f(-x)= f(x) y-axis Odd f(-x) = - f(x) origin origin Symm. oll odd



Like #4 X-intercepts  $f(x) = 2x^{2} - 4x - 7$   $f(x) = 2x^{2} - 4x - 7$   $V_{x} = \frac{++4}{2(2)} = 1$  $0 = 2x^2$ 6.0  $y = 2(1)^{2} + 1(1) - 7$ 2-4-7 = -9 (1 - 9)V 14+4(2)(r) 2(2) 9 + 16 + 56 2=312 2+3/2

5/ 
$$f \circ g$$
 = x  
 $g \circ f$  = x  
 $g \circ f$  = x  
Must pass horiz. line  
 $to T$   
 $f \leftarrow t = \frac{4x-7}{2x+3}$   
 $(2y+3)\chi = \frac{4y-7}{2x+3}$   
 $\lambda xy + 3x = 4y-7$   
 $2xy - 4y = -3x-7$   
 $y(2x-4) = -3x-7$   
 $y = -\frac{3x-7}{2x-4}$