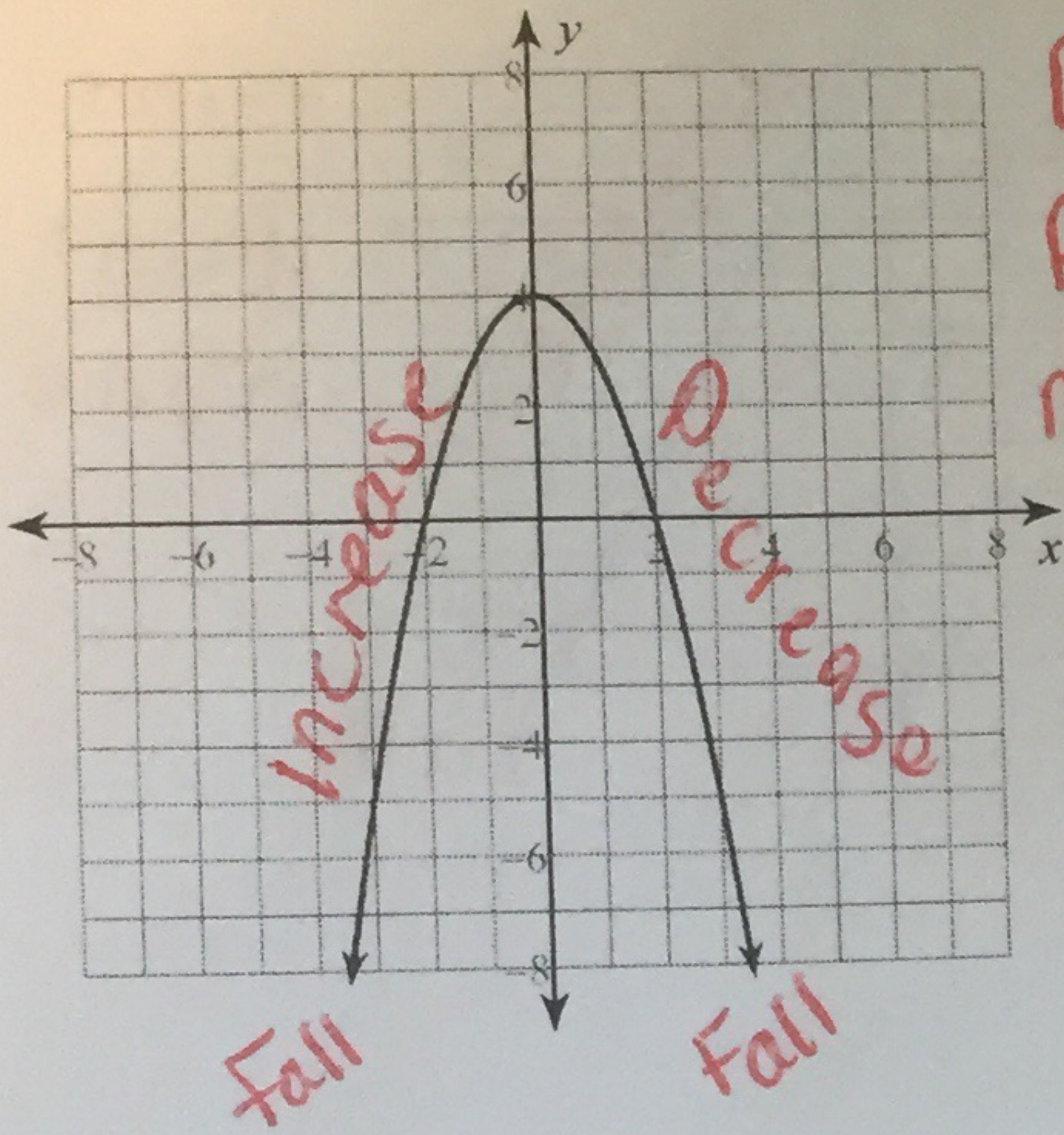


Section 9.1--Analyzing Graphs Review

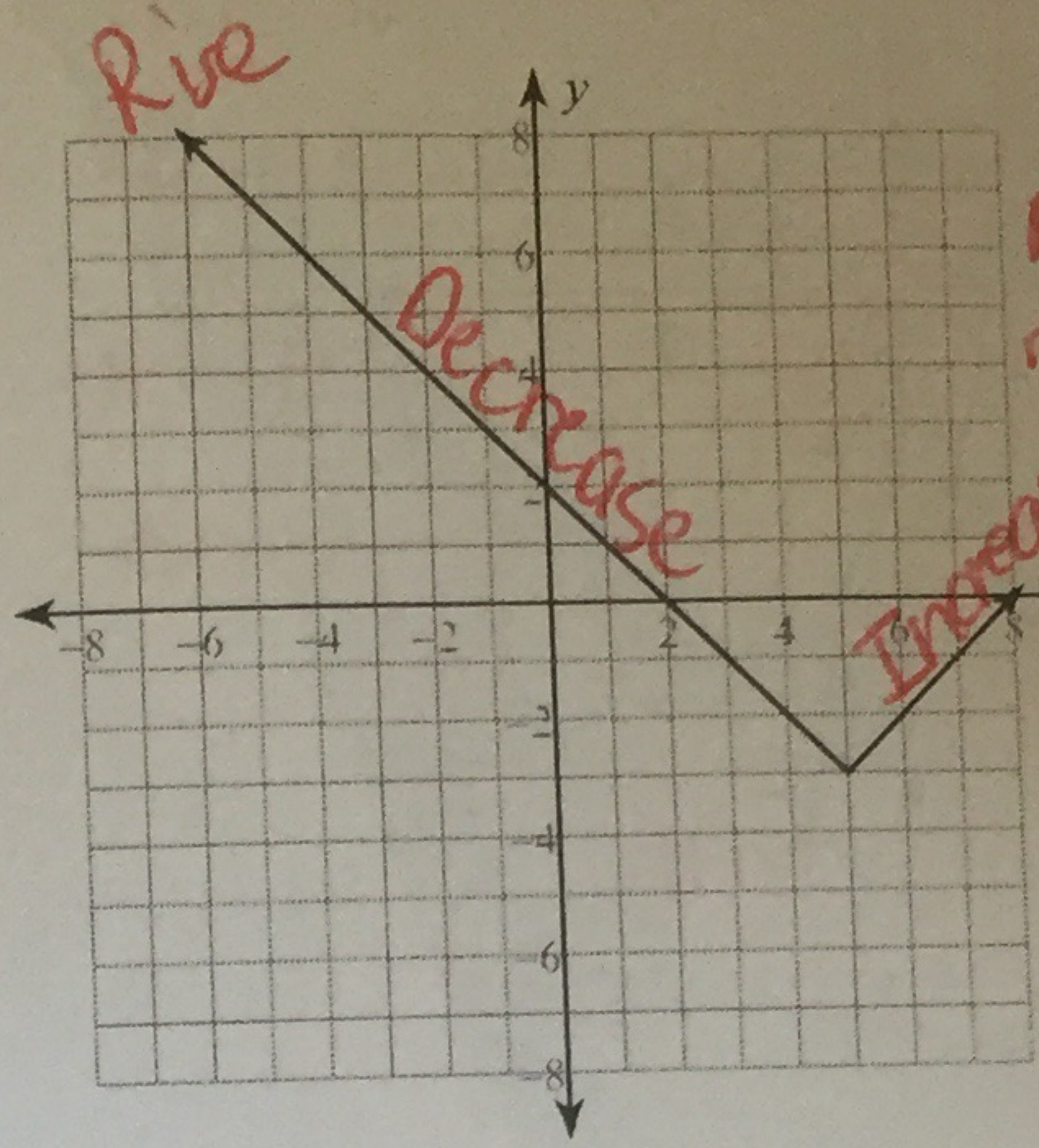
Determine the Domain, Range, Intervals of Increase/Decrease, Maximum/Minimum, X Intercept, Y Intercept and End Behavior.

1)



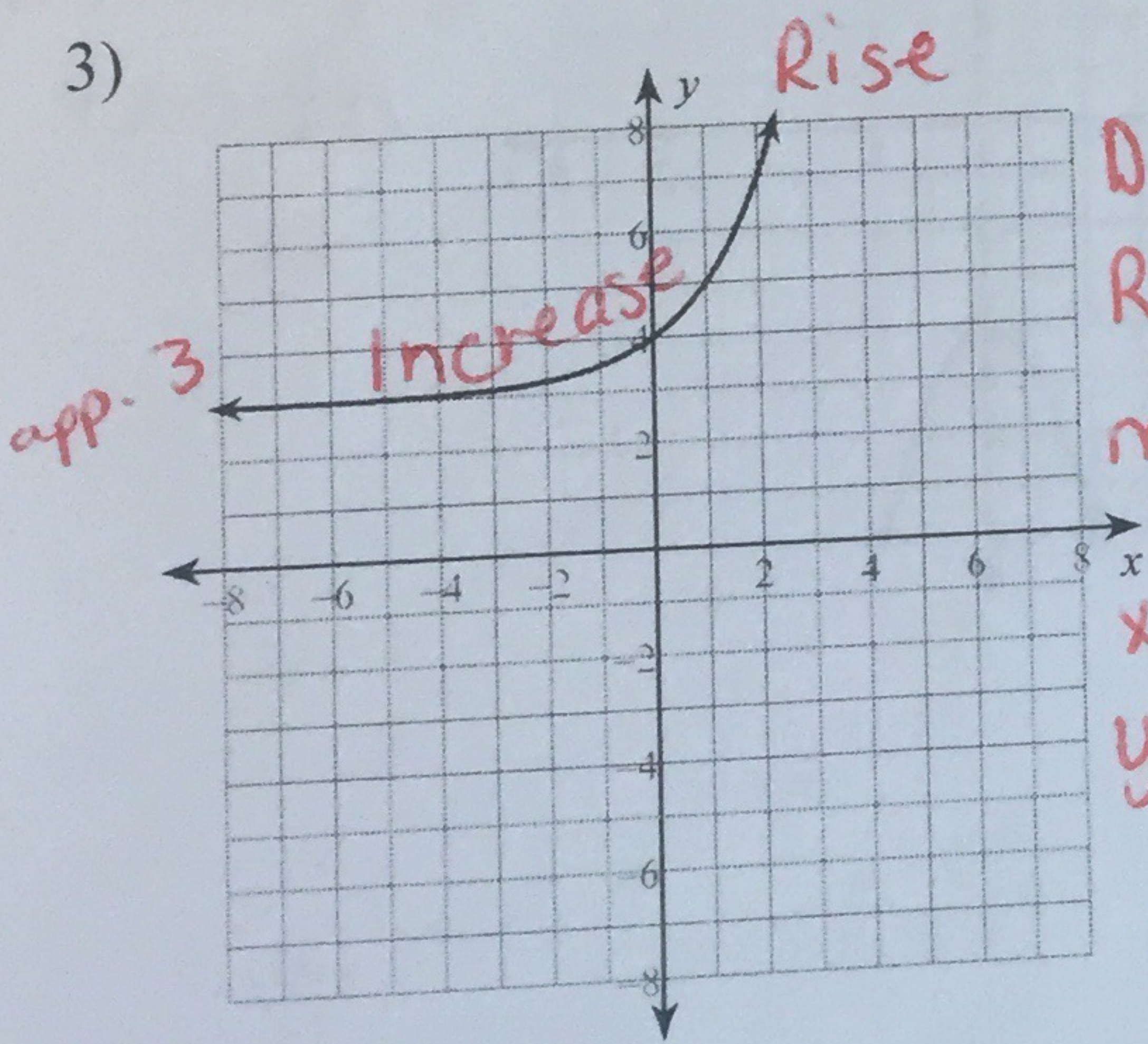
D: all real
 R: $y \leq 4$
 max @ (0, 4)
 x-int: -2, 2
 y-int: 4

2)



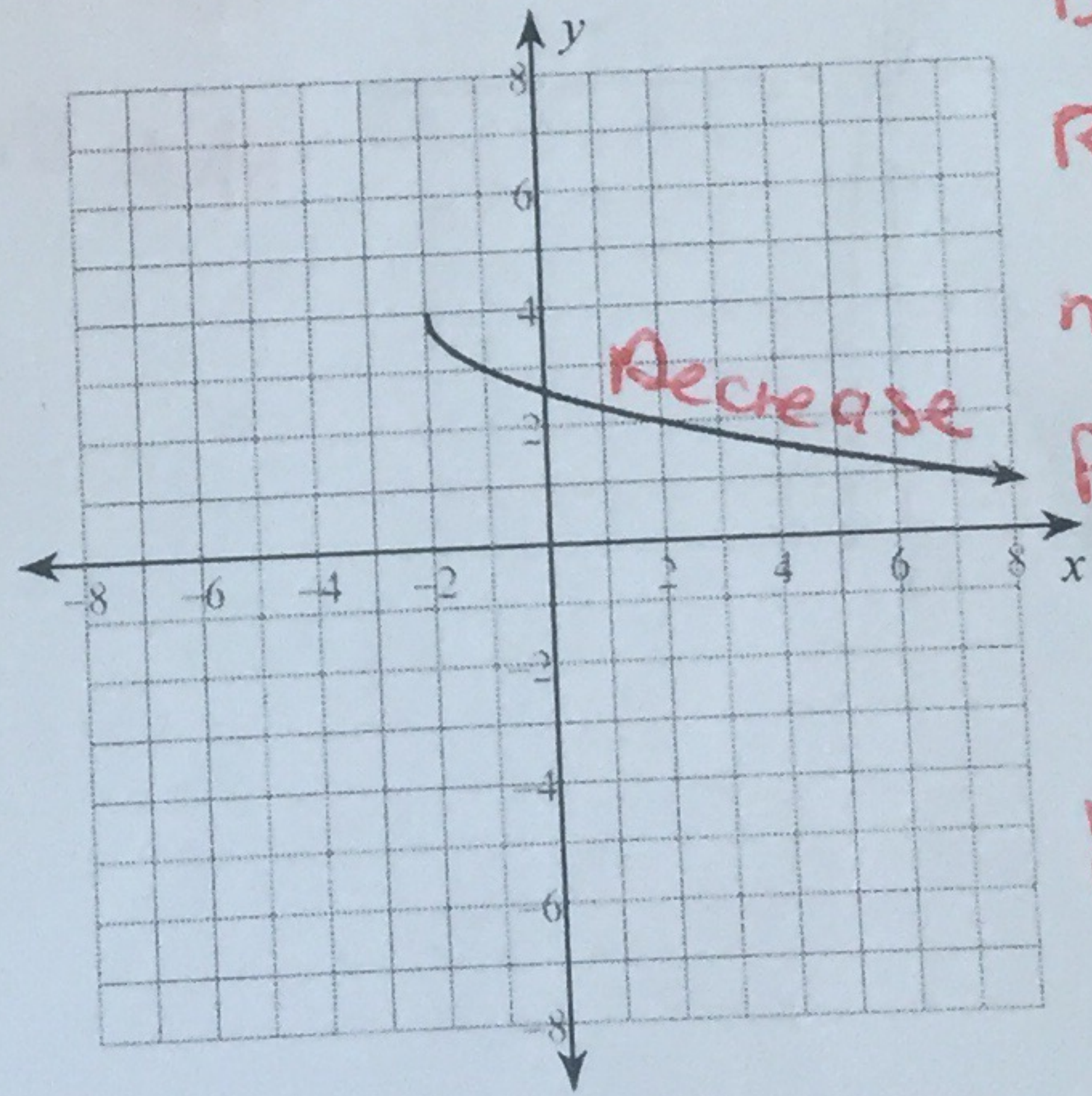
D: all real
 R: $y \geq -3$
 min @ (5, -3)
 x-int: 2, 8
 y-int: 2

3)



D: all real
 R: $y \geq 3$
 min app. 3
 x-int: none
 y-int: 4

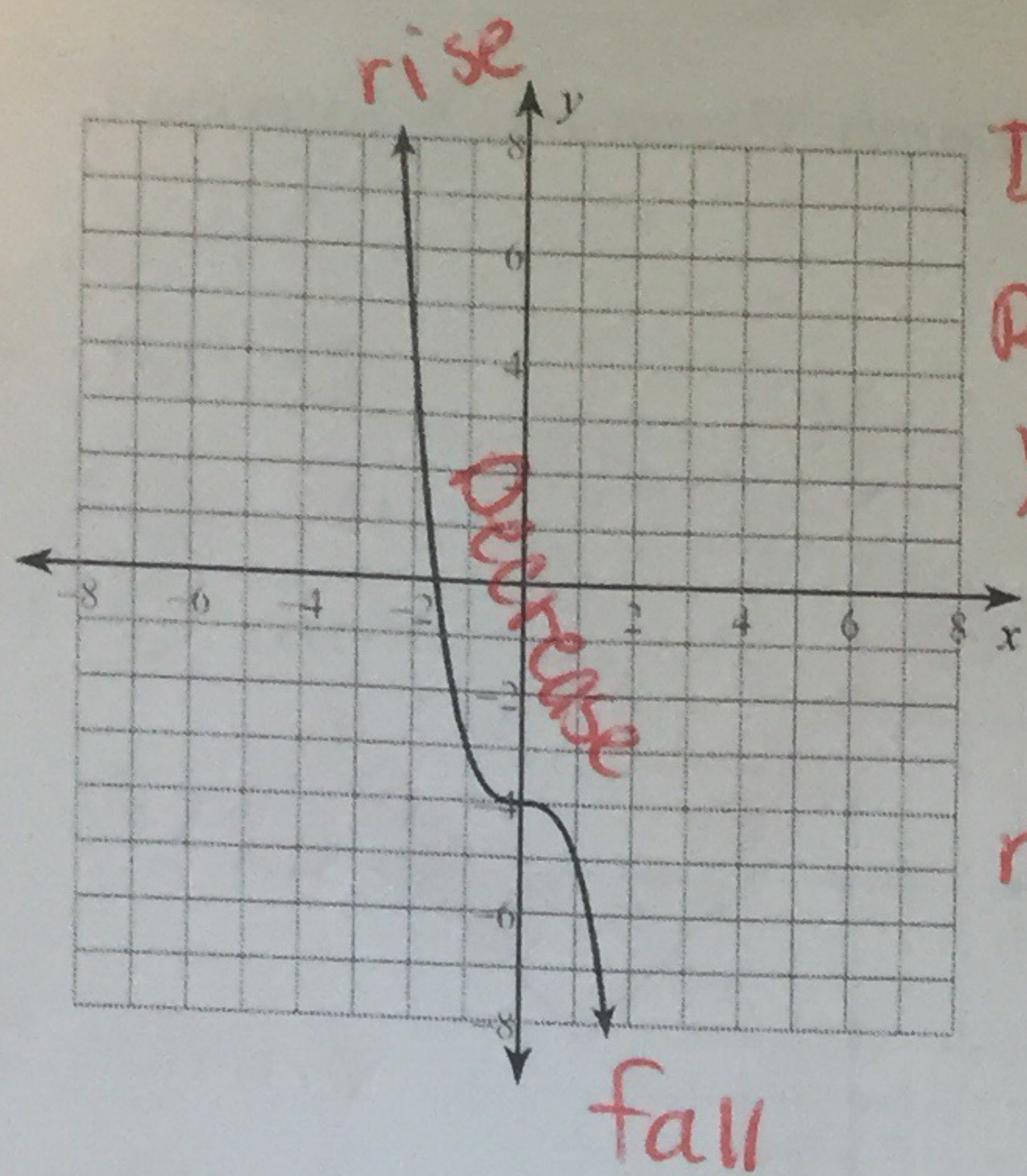
4)



Domain: $x \geq -2$
 R: $y \leq 4$
 max at (-2, 4)
 Fall
 x-int: none
 y-int: 2.5

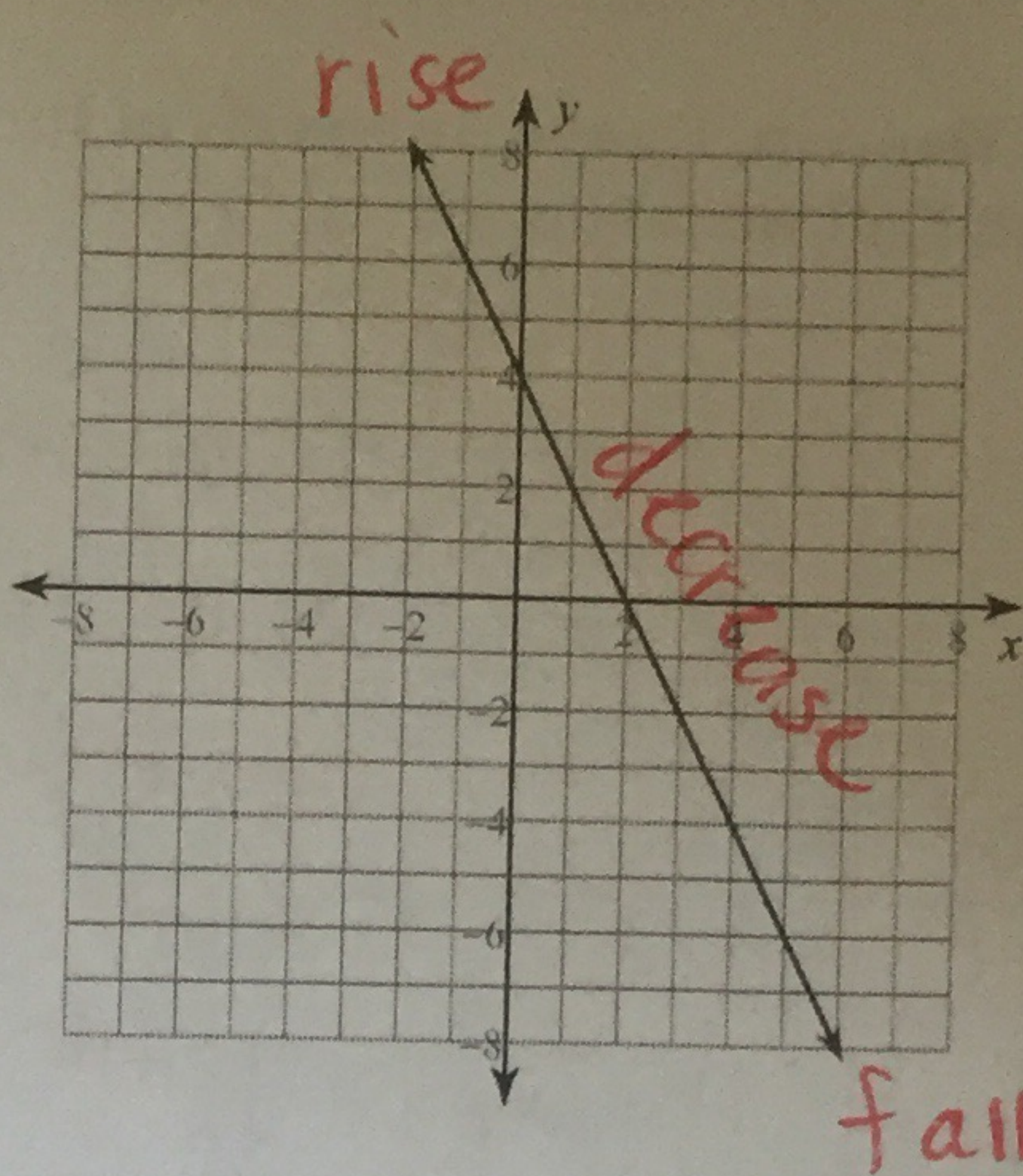
Determine the Domain, Range, Intervals of Increase and Decrease, X intercept and Y intercept, Max/Min/None and End Behavior.

5)



D: all real
 R: all real
 X-int: -1.75
 y-int: -4
 none

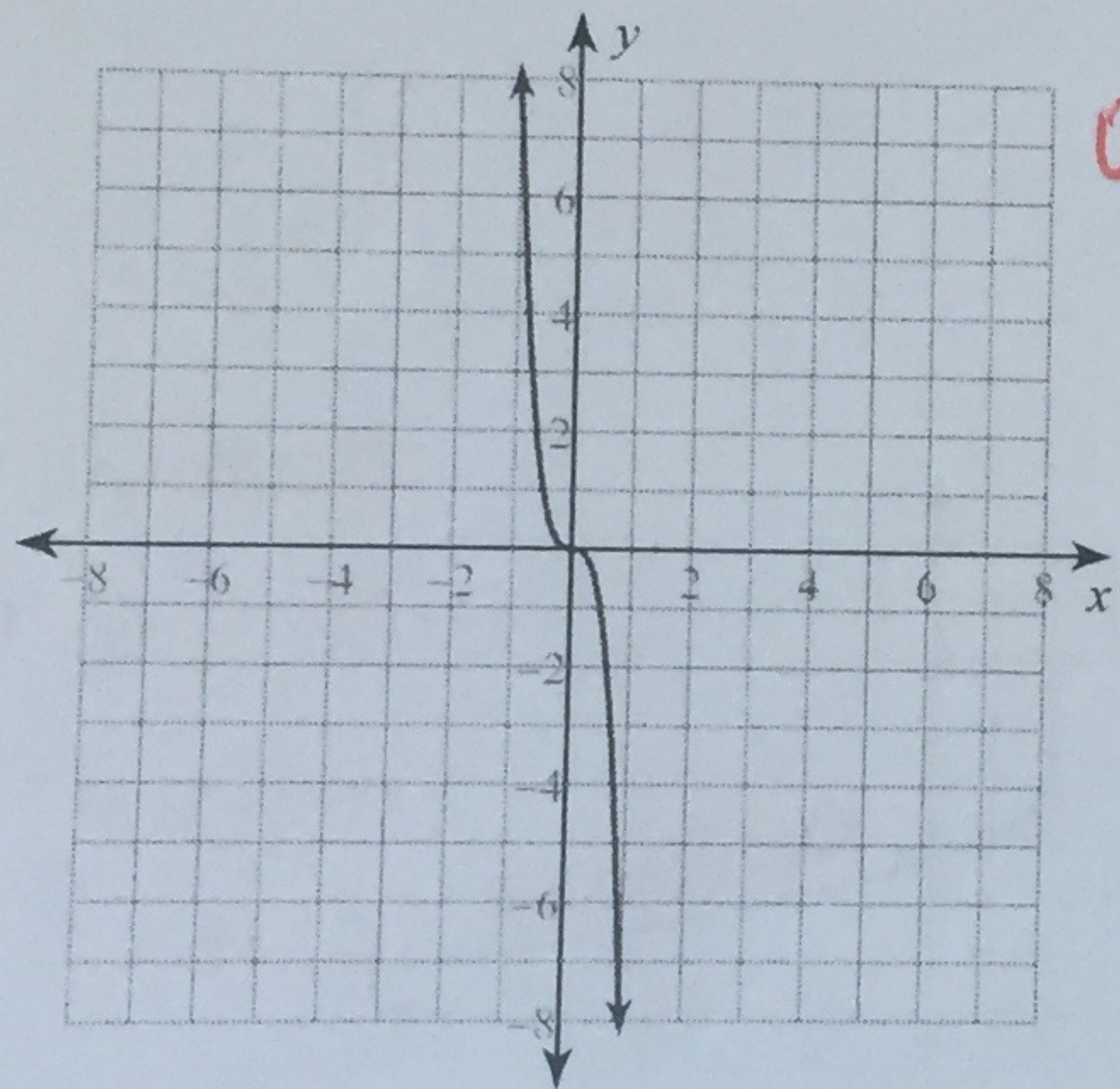
6)



D: all real
 R: all real
 X-int: 2
 y-int: 4
 none

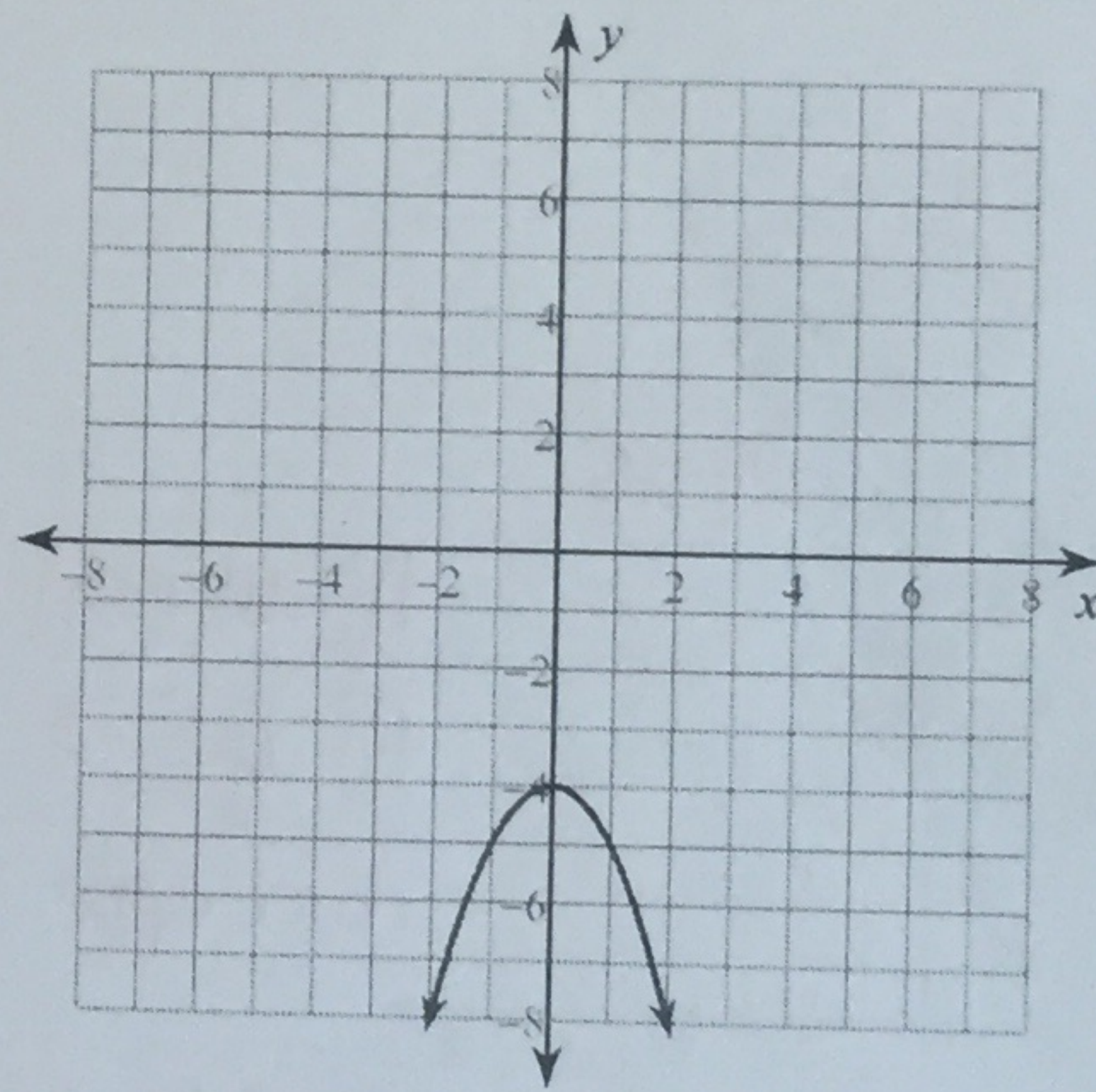
Determine if the function is odd, even or neither.

7)



odd-symmetric about the origin

8)



even-symmetric about y

Even - same

Odd - opp.

Neither - different

9) $y = x^2 - 4x$

[1]

[-1]

$1^2 - 4(1)$

$(-1)^2 - 4(-1)$

$1 - 4$

$1 + 4$

(-3)

Neither (5)

10) $y = -4x + 5$

[1]

[-1]

$-4(1) + 5$

$-4(-1) + 5$

$-4 + 5$

$4 + 5$

(1) Neither (9)