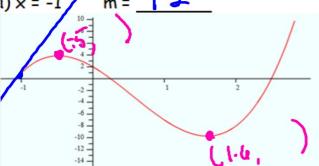
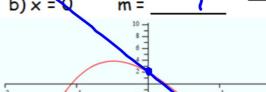
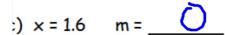
ne slope of the tangent line at the following points. Then determine t approximate slope at each value from the options in the answer bank.

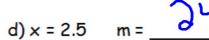
Possible Valu 0 -7

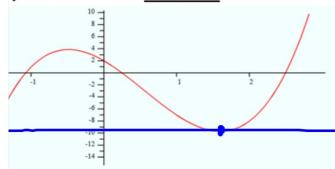


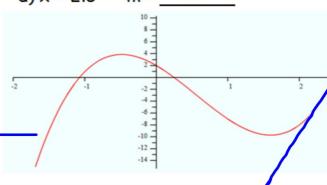










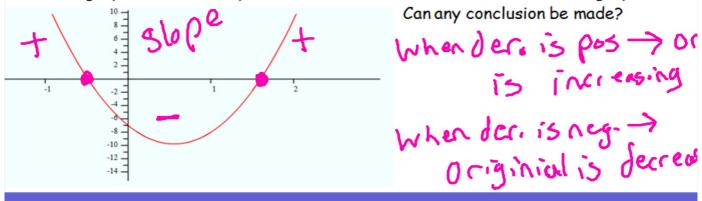


nterval notation, determine the x-values where the graph is increasing. Estimate the where it changes.

nterval notation, determine the x-values where the graph is decreasing. Estimate the where it changes.

(-5, 1.6)

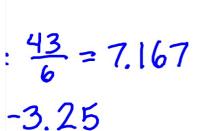
rivative is graphed below, compare the intervals above to the values of this graph.



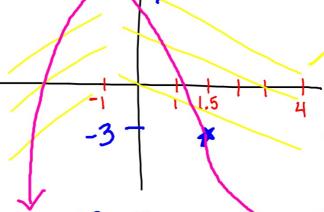
- e derv is positive, the original is increasing.
- e derv is negative, the original is decreasing.
- e derv is zero, the original is at a minimum or ma
- e second derv is positive, the original is concave
- second derv is negative, the original is concave
- e second derv is zero, the original is at a point of

$$^{3} - \frac{3}{2}x^{2} - 4x + 5$$

- -3x 4
- x²-3x-4 (x + 1)(x-4)
- =-1 × £4
- $y^{1} = 2x 3$ 0 = 2x 3
 - x=1.5
- Offind the derv.
- 2) find the zeros of derv.
- 3 Sign Test Using Zero's
 4 Repeat w/ 2nd Derv.
- 5) Find Critical Points (pluginzeros to



-13.067



 $-\frac{5}{2}x^2-2x+7$

Ofind the derv.

Thind the zeros of a

Sign Test using 2

Prepeat w/ 2nd

Find Critical Property

Oping in zeros