Warm-up:

Nov. 3th, 2017

Are these function written in factored form?

What is the a, r & s values?

$$f(x) = (x-1)(x-4)$$

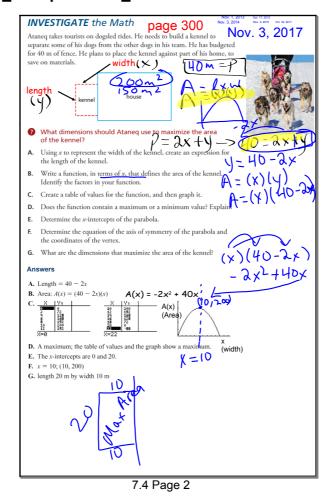
f(x) = (1 - x)(x + 4)

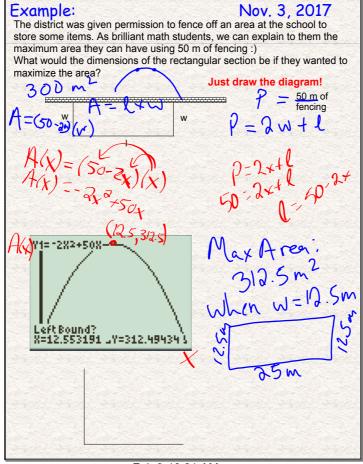
$$f(x) = -(x-1)(x+4)$$

5-14) xints

Nov 5-9:52 AM

Quiz review question: pg 316 #4





Feb 9-10:01 AM

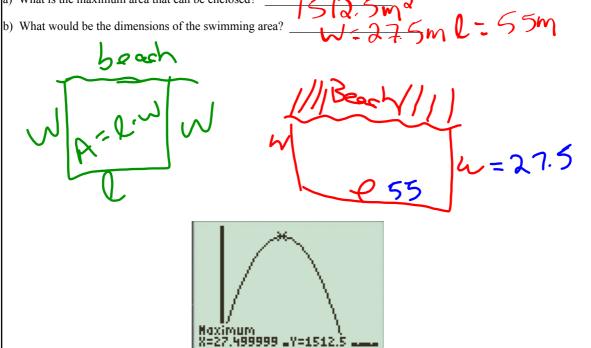
## Math 112B Quiz - Max/Min Problems

A lifeguard wants to section off a rectangular swimming area using 110 m of rope.

The beach will serve as one side of the swimming area.

Show all work in the use of the graphics calculator to answer the following questions.

- a) What is the maximum area that can be enclosed?

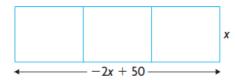


Oct 17-9:19 AM

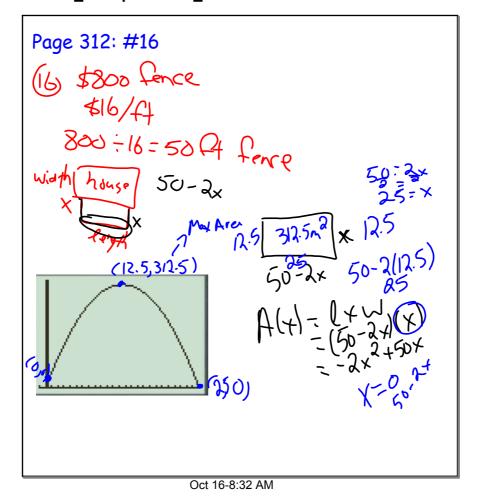
## Page 311: #8 & 16

8. Byron is planning to build three attached rectangular enclosures for some of the animals on his farm. He bought 100 m of fencing. He wants to maximize the total area of the enclosures. He determined a function, A(x), that models the total area in square metres, where x is the width of each rectangle:

$$A(x) = -2x^2 + 50x$$



- a) Determine the maximum total area.
- b) State the domain and range of the variables in the function.



7s4e1 final.mp4

7s4e2 final.mp4

7s4e3 final.mp4

7s4e4 final.mp4

fm7s4-p11.tns

FM11-7s4.gsp