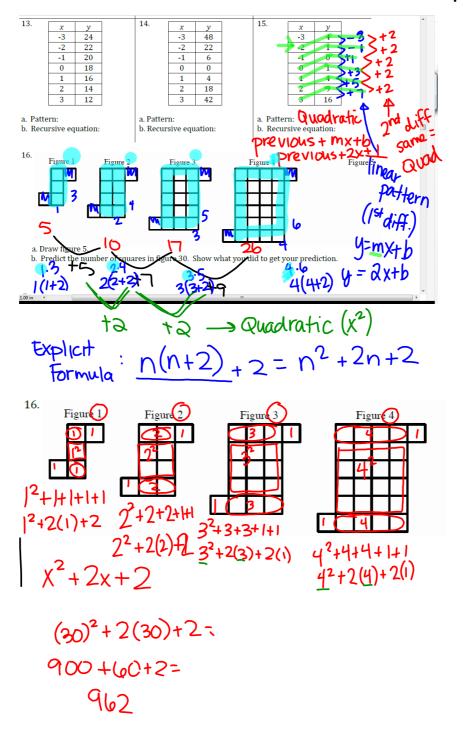
Questions on 1.3? We will take our quiz soon!



Write the first five terms of the sequence.

17.
$$f(0) = -5$$
; $f(n + 1) = f(n) + 8$

(0,-5)

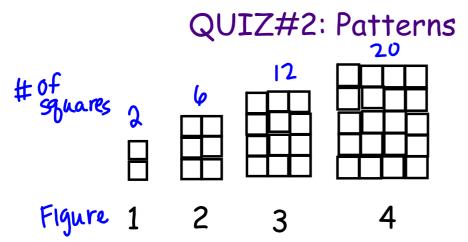
 $f(0+1) = f(0) + 8$
 $f(1) = -5 + 8$

(1,3)

 $f(1+1) = f(1) + 8$
 $f(2) = 3 + 8$

(4,27)

(5,35)



- 1) Is the following pattern linear, exponential, or quadratic?
- 2) Write an explicit formula for the pattern.

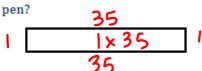
1.4 Rabbit Run

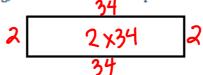
A Solidify Understanding Task

Misha has a new rabbit that she named "Wascal". She wants to build Wascal a pen so that the rabbit has space to move around safely. Misha has purchased a 72 foot roll of fencing to build a rectangular pen.



1. If Misha uses the whole roll of fencing, what are some of the possible dimensions of the

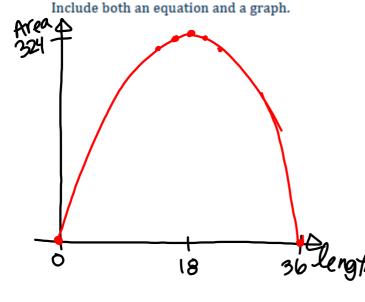


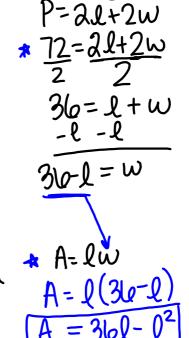


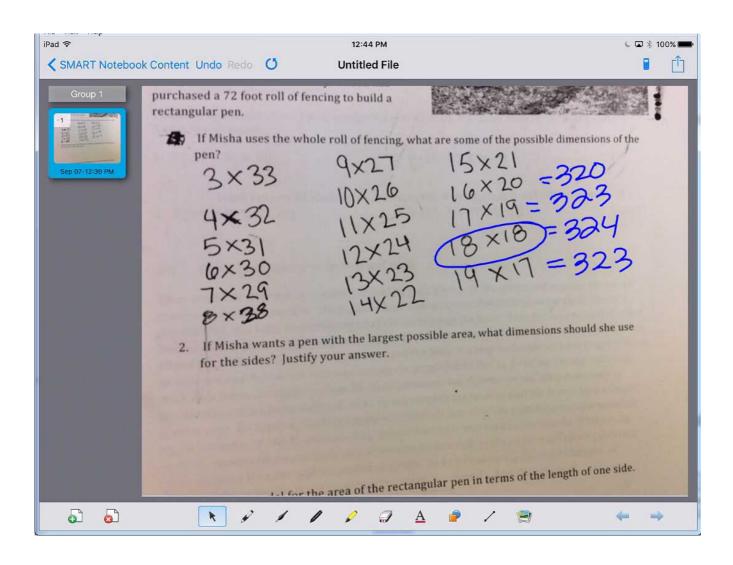
If Misha wants a pen with the largest possible area, what dimensions should she use for the sides? Justify your answer.



3. Write a model for the area of the rectangular pen in terms of the length of one side.







4. What kind of function is this? Why?

5. How does this function compare to the second type of block I logos in IRule?

Homework/Classwork

Finish 1.4