

GROUP NAME: 10/17 Brick Squad

Student Names (First and Last)

Date: 10/1/14 (Formerly "The Struggle")

Speaker/Presenter: Noah

Independent Variable (x-axis): time

Writer/Prep: Adam

Dependant Variable (y-axis): Cases

Leader/Collaborator: Adam

Conclusion (in words):

In 2001, Lyme Disease cases started.

Supporting Work:

Data

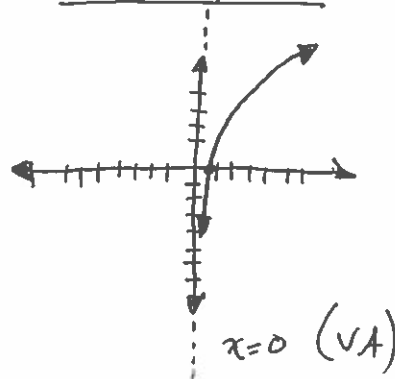
$x$	$y$
8	35.1
9	38

ln regression

$$y = -16.0990... + 24.6215... \ln(x)$$

Graph

$$VA = 0$$



Method: Zero (2nd, Trace)

Left bound:

Zeros: 1.9229...

Right bound:

GROUP NAME: The Struggle

Student Names (First and Last)

Date: 10/11/2014

Speaker/Presenter: Alyssa

Independent Variable (x-axis): years

Writer/Prep: Cynthia

Dependant Variable (y-axis): CASES OF L.D.

Leader/Collaborator: NOT ADAM

Conclusion (in words):

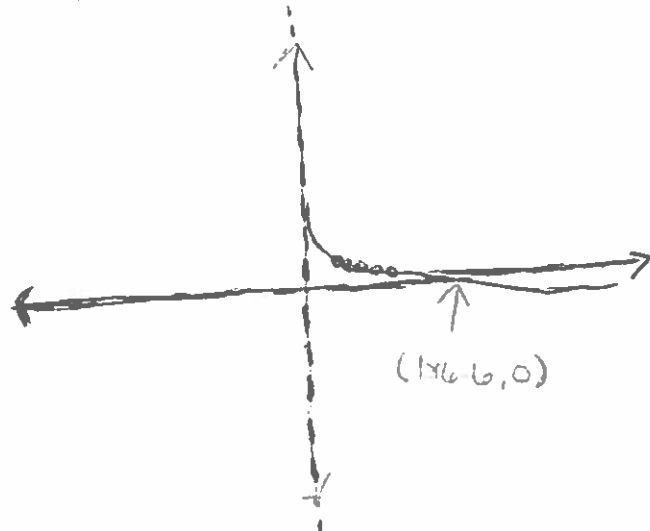
In the year 2186 there will be no cases of L.D.

Supporting Work:

$$y = 59.9385... - 11.463 \ln(x)$$

data

<u>years</u>	<u>cases (in thousands)</u>
2008	35.1 thousand
2009	38 thousand
2010	30 thousand
2011	33.8 thousand
2012	31.4 thousand



<u>L1</u>	<u>L2</u>
8	35.1
9	38
10	30
11	33.8
12	31.4

Finding the zero

2nd calc 2 enter

left bound  $x = 142.55314$

$y = 3.0839667$

right bound  $x = 215.6381$

$y = -1.391664$

zero is  $x = 186.55861$

$y = 0$

GROUP NAME:

Student Names (First and Last)

Date: odd ball inc.

Speaker/Presenter: Marc

Independent Variable (x-axis): Time

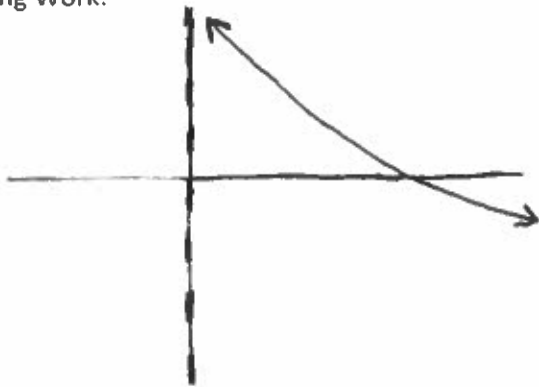
Writer/Prep: Chris

Dependant Variable (y-axis): Games

Leader/Collaborator: Sam

Conclusion (in words): The x-intercept for our decay model is 31.07. We used the solver method, Based off these 2 points game 31 will sell 0 units.

Supporting Work:



L3	L4
8	26.5
9	24.2

List → Ln Reg → Vars → Graph

Solver = Math b → insert equation  $x=0$  → Alpha enter

$$x = 31.078210682803$$

GROUP NAME: Oddball Incorporated  
 Date: 10/1  
 Independent Variable (x-axis): Game #  
 Dependant Variable (y-axis): Games Sold

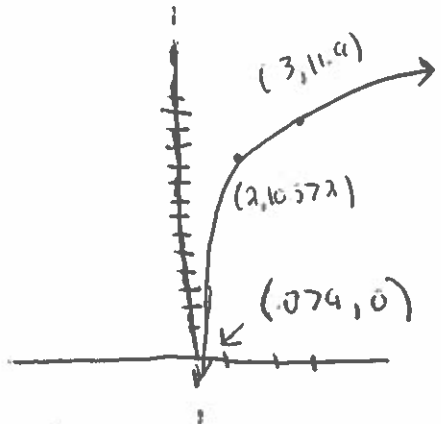
Student Names (First and Last)  
 Speaker/Presenter: Kearie Reyes  
 Writer/Prep: Axel Cruz  
 Leader/Collaborator: \_\_\_\_\_

Conclusion (in words): Ln Regression. At Game # .079, no games were sold.

Supporting Work: ~~Handwritten scribbles~~

$L_1$	$L_2$
2	10.572
3	11.4

Stat  $\rightarrow$  9 Enter  
 Y=  $\rightarrow$  Vars  $\rightarrow$  5  $\rightarrow$  7  $\rightarrow$  7  $\rightarrow$  1



x-intercept - ~~0.079~~ - Finding the zero's method

2nd trace 12

left bound? - .4255

Right bound? - .319

Guess 2, - (.079..., 0)

GROUP NAME: Educating the Mind

Date: 10/1/14

Student Names (First and Last)

Speaker/Presenter: \_\_\_\_\_

Independent Variable (x-axis): Ages

Writer/Prep: MACKENZIE MAURO

Dependant Variable (y-axis): HOURS

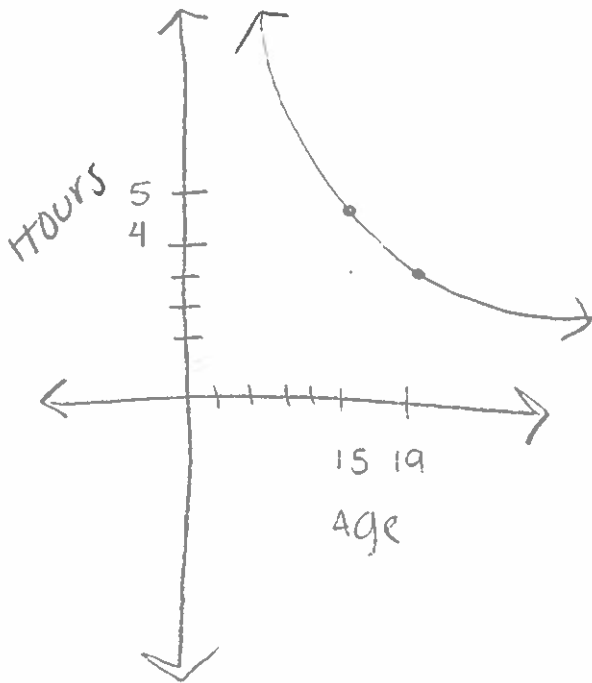
Leader/Collaborator: COSSIE SVECZ

Conclusion (in words):

When someone is 48.91 years old they will not use any social media.

Supporting Work:

$$y = 16.455916914838 + -4.2303192570708 \ln(x)$$



x-intercept: 48.91...

solver

$$0 = 16.45 \dots + -4.23 \dots \ln(x)$$

enter

$$x = 48.91 \dots$$

GROUP NAME: ~~Best~~ <sup>educators</sup> of the mind

Student Names (First and Last)

Date: 10/1/14

Speaker/Presenter: Vivian Medina

Independent Variable (x-axis): age

Writer/Prep: Lissa Zambrano

Dependant Variable (y-axis): hrs spent on social media

Leader/Collaborator: \_\_\_\_\_

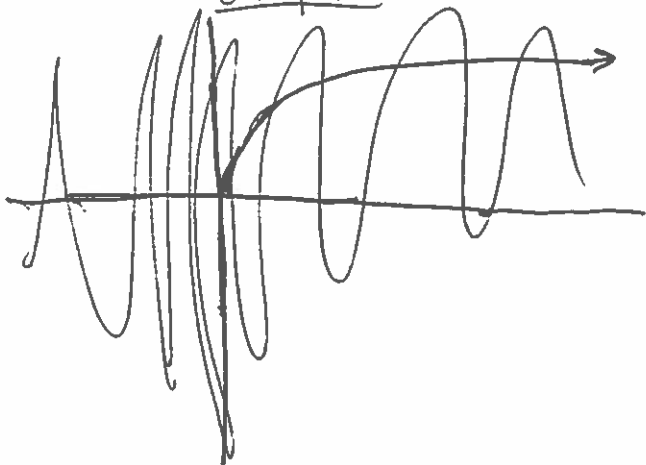
Conclusion (in words):

When someone is 2 months old, they will not spend anytime on social media.

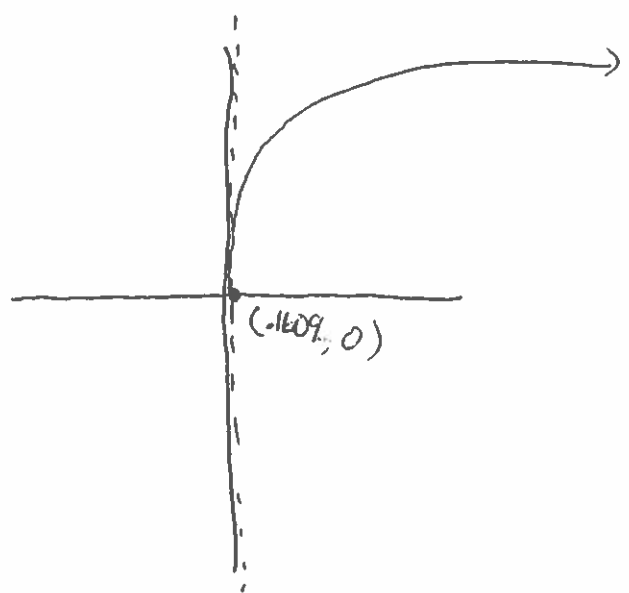
Supporting Work: Graph

In Regression

$$7.974... + 4.365... \ln(x)$$



Graph



X-intersect

MATH solver  
 VARS 5 7  
 enter  $\alpha$  enter  
 Alpha

y	x
2	11
5	15

$$X = .1609...$$

GROUP NAME: White Coat Society



Student Names (First and Last)

Speaker/Presenter: Chelsea + Khalid

Date: 10/1/18

Writer/Prep: Vagish

Independent Variable (x-axis): age

Leader/Collaborator: Liam

Dependant Variable (y-axis): number

Conclusion (in words): Get Lucky

Supporting Work:

Data

X	Y <sub>1</sub>
5	34.3
6	38.5
7	42.0
8	45.1
9	47.8
10	50.2

Table

5	50
6	19
7	60
8	32
9	11
10	81

Ln Regression

$$y = -2.618881424357 + 22.950281343252 \ln(x)$$

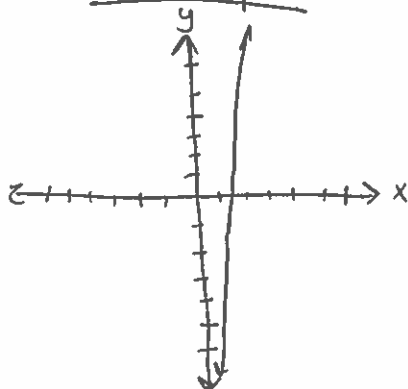
Solver

$$0 = -2.618881424357 + 22.950281343252 \ln(x)$$

$$x = 10.42553191$$

$$\{ -1e99, 1e99 \}$$

Graph



GROUP NAME: White Coat Society

Student Names (First and Last)

Date: \_\_\_\_\_

Speaker/Presenter: \_\_\_\_\_

Independent Variable (x-axis): \_\_\_\_\_

Writer/Prep: \_\_\_\_\_

Dependant Variable (y-axis): \_\_\_\_\_

Leader/Collaborator: \_\_\_\_\_

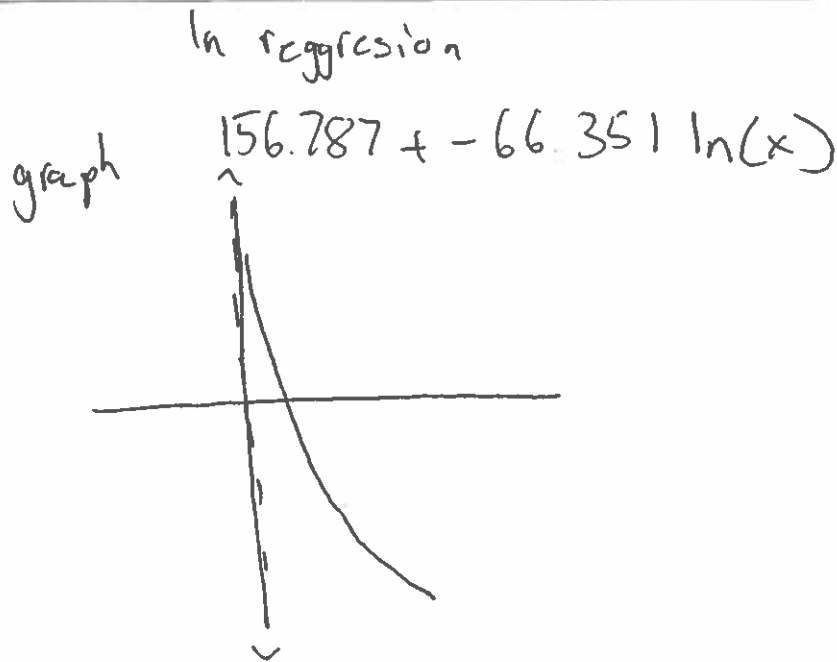
Conclusion (in words): At the age of 100 no one will not like get lucky

Supporting Work:

data

3	83.89
4	64.8
5	50
6	37.9
7	27.7
8	18.8
9	11

L1	L2
5	50
9	11



Solver

$$0 = 156.787176935 + -66.350603592709 \ln(x)$$

$$x = 100$$

$$\{-1e99, 1e99\}$$