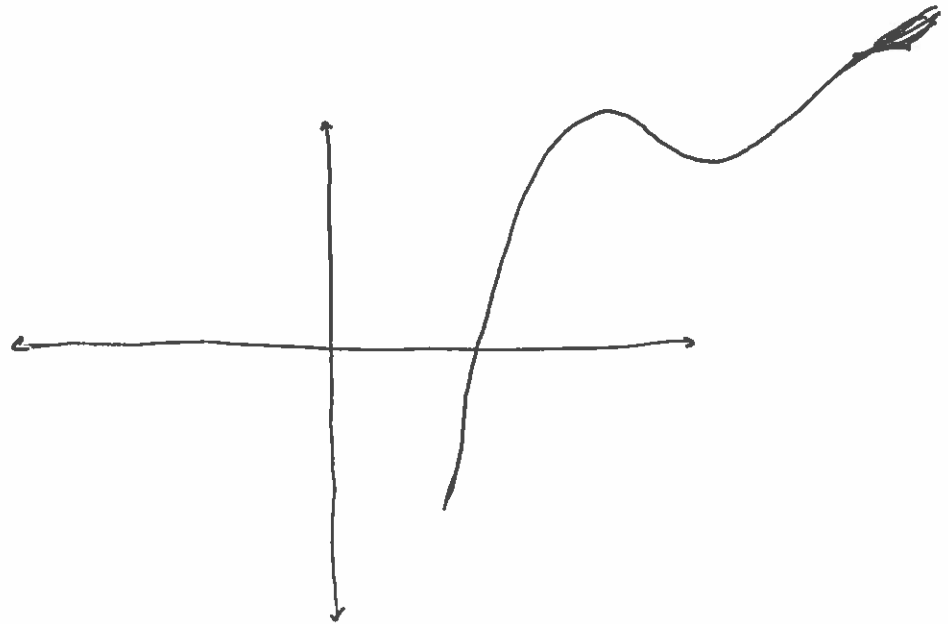


GROUP NAME: <u>The Struggle</u>	Student Names (First and Last)
Date: <u>9/8/14</u>	Speaker/Presenter: <u>Adam</u>
Independant Variable (x-axis): <u>Time (Years)</u>	Writer/Prep: <u>Noah</u>
Dependant Variable (y-axis): <u>Cases of L. D.</u>	Leader/Collaborator: <u>Adam</u>

Conclusion (in words):
 The leading coefficient is .375, and it has 3 faces. The Regression only has 1 real zero. The zero means when there is no cases of L.D.

Supporting Work: No cases in 2005.



GROUP NAME: <u>The Struggle</u>	Student Names (First and Last)
Date: <u>Sept 8, 2014</u>	Speaker/Presenter: <u>Alyssa</u>
Independent Variable (x-axis): <u>Years</u>	Writer/Prep: <u>Cynthia</u>
Dependant Variable (y-axis): <u>Cases of L.D.</u>	Leader/Collaborator: <u>Adam</u>

Conclusion (in words):
The leading coefficient is $-1.720A$, it has 4 faces and has two zeros and two complex conjugates



GROUP NAME:

Student Names (First and Last)

Date: 9/8/14

Speaker/Presenter: Marc

Independent Variable (x-axis): Years

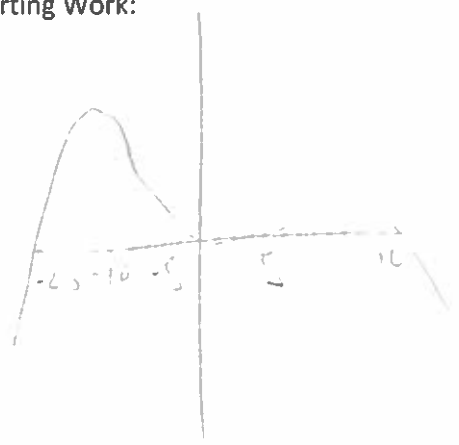
Writer/Prep: Chris

Dependant Variable (y-axis): Time in years

Leader/Collaborator: _____

Conclusion (in words):

Supporting Work:



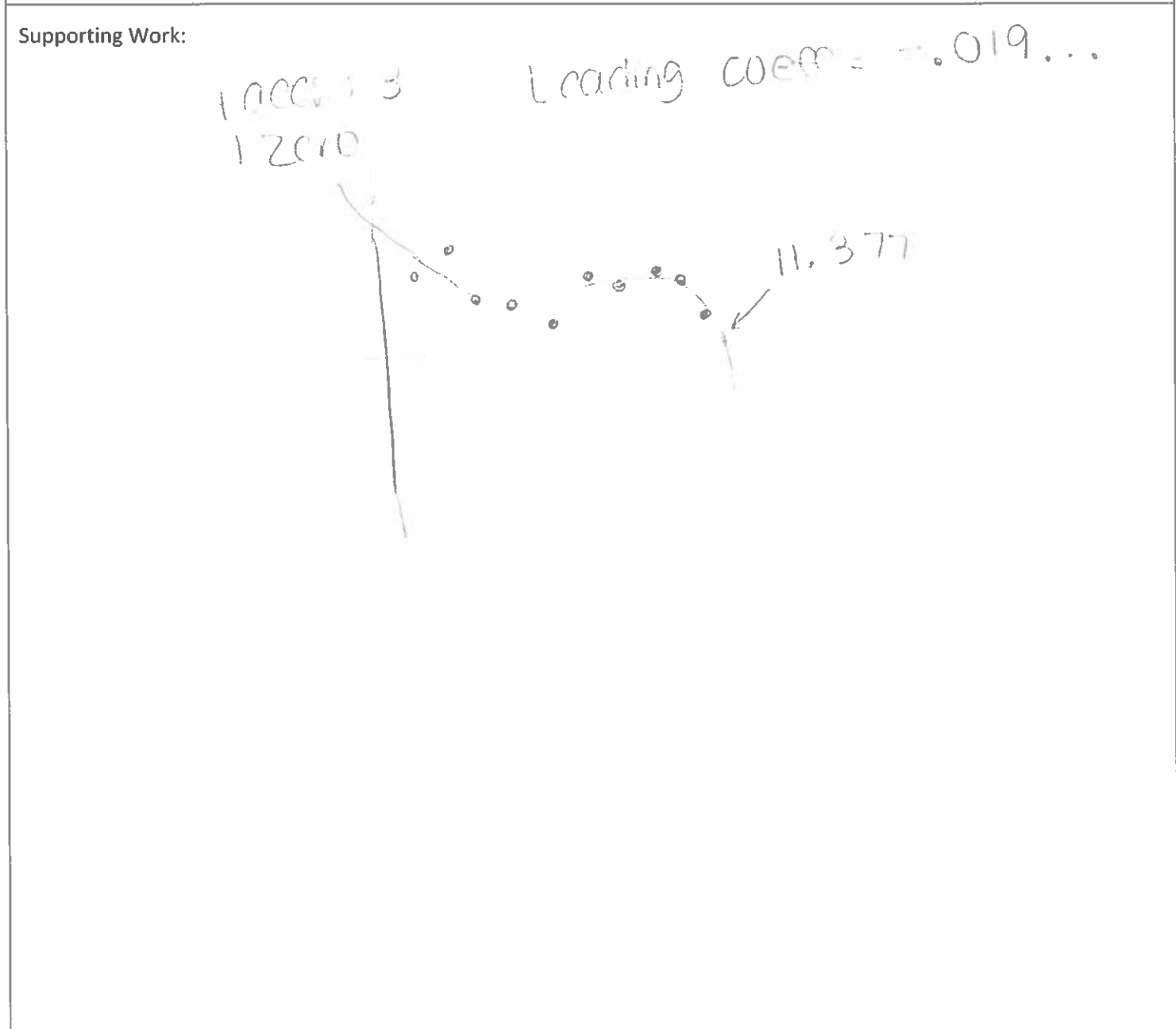
Real roots =
 $x = -1.49383$
 $x = 9.930$

Complex roots =
 $x = 1.4470929400 - .9716148501i$
 $x = 1.4470929400 + .9716148501i$

2.14
 graph 10, 9.93, -1.49383, 0, 10

GROUP NAME: Date: <u>9/8/11</u>	Student Names (First and Last) Speaker/Presenter: <u>11/10</u> Writer/Prep: <u>KOONIS</u> Leader/Collaborator: _____
Independant Variable (x-axis): <u>Game</u> Dependant Variable (y-axis): <u>Games Sold</u>	


Conclusion (in words):
Our Cubic regression shows no games were sold for game 11.377.



GROUP NAME: Date: <u>9/8/11</u>	Student Names (First and Last) Speaker/Presenter: <u>Chelsea</u> Writer/Prep: <u>Liam</u> Leader/Collaborator: <u>Vaughn</u>
Independent Variable (x-axis): _____ Dependant Variable (y-axis): _____	

Conclusion (in words):
After the age of nine they will like it more

Supporting Work: Comic Graphic

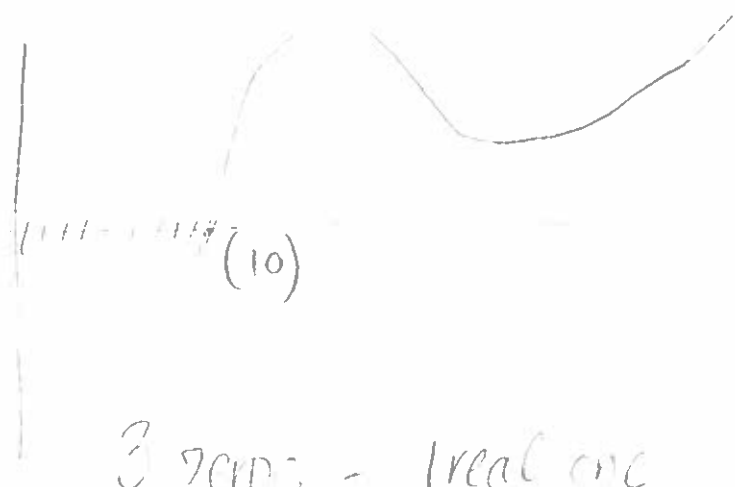


The supporting work section contains two hand-drawn sketches. On the left is a bell-shaped curve, representing a normal distribution. On the right is a downward-opening parabola, representing a quadratic function.

<p>GROUP NAME: <u>Educating the Blinds</u></p> <p>Date: <u>09/08/14</u></p>	<p>Student Names (First and Last)</p> <p>Speaker/Presenter: <u>Monique</u></p>
<p>Independent Variable (x-axis): <u>age</u></p> <p>Dependant Variable (y-axis): <u>hours</u></p>	<p>Writer/Prep: <u>Lissa</u></p> <p>Leader/Collaborator: <u>Hivan</u></p>

Conclusion (in words):
 The one real zero represents that at the age of 10 the kids don't spend time in exercise, etc.

Supporting Work:



Leading Co: $\dots 005 \dots x^3$
 positive
 odd

Zeros: 1 real one
 2 complex

3 zeros - 1 real one
 2 complex

Cubic

GROUP NAME: Edumark
 Date: 4/9/14

Student Names (First and Last)
 Speaker/Presenter: PAUL VECZ

Independent Variable (x-axis): age
 Dependant Variable (y-axis): years

Writer/Prep: MULTIPLE NAMES
 Leader/Collaborator: _____

Conclusion (in words):
 The graph has 2 real roots and a parabola

Supporting Work:

Zeros 10, 29
 Faces = 4
 (-6.510... x) 4

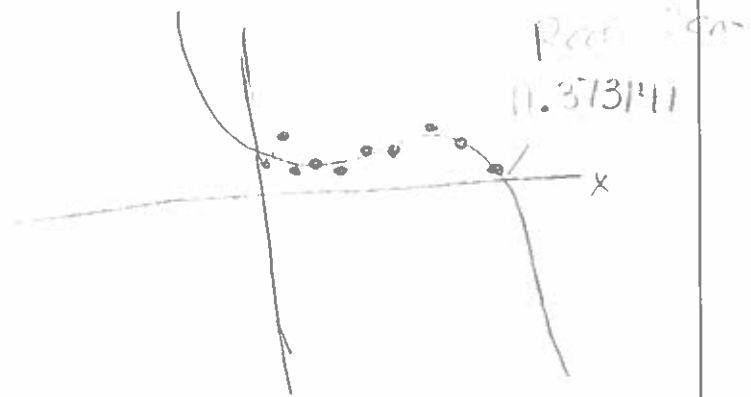
[LA/485]

<p>GROUP NAME:</p> <p>Date: <u>9/0/14</u></p>	<p>Student Names (First and Last)</p> <p>Speaker/Presenter: <u>Kearie Reyes</u></p> <p>Writer/Prep: <u>Axel & Chris</u></p> <p>Leader/Collaborator: _____</p>
<p>Independent Variable (x-axis): <u>GAMES</u></p> <p>Dependant Variable (y-axis): <u>GAMES SOLD</u></p>	

Conclusion (in words): For a cubic regression, our real zero 11.373141 and the complex zeros are $2.66515 - 2.8836i$ and $2.66515 + 2.8836i$.
 Game 11.373 here will be 0 sales.

Supporting Work:

Complex zeros
 $x = 2.66515 - 2.8836i$
 $x = 2.66515 + 2.8836i$



GROUP NAME:

Edmond

Student Names (First and Last)

Date: 9/10/14

Speaker/Presenter: _____

Independent Variable (x-axis): ages

Writer/Prep: Mackenzie Mauro

Dependant Variable (y-axis): HOURS

Leader/Collaborator: Cassie Vecz

Conclusion (in words):

at ages 29, 327, ^{and} 10.08 there are 0 hours of social media

Supporting Work:

zero = $x = 29.327$ zero $x = 10.08$ real

L bound - 10.18

R bound - 29.425

IND

$x = 22.2033625 \pm 4.764909i$

$x = 22.2033625 \pm 4.764909i$

Complex

GROUP NAME: Educating the world

Date: 09/10/2014

Independent Variable (x-axis): Age

Dependant Variable (y-axis): years

Student Names (First and Last)

Speaker/Presenter: Monique Beasley

Writer/Prep: Lissa Lombardo

Leader/Collaborator: Monique Beasley

Conclusion (in words):
 It means that at the age of 9.60 nobody spends time on the social media

Supporting Work:

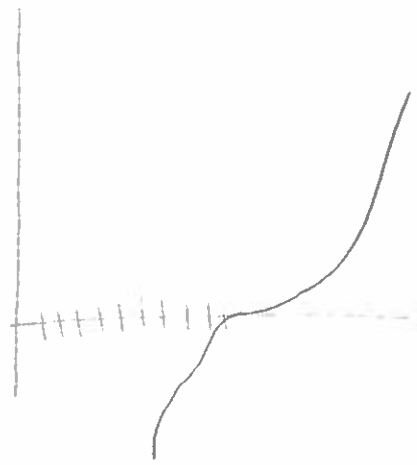
2nd trace
 music
 2 - 200
 1st band 3.17
 1st trace to rd = 32.55...
 guess?

Complex

$$X = 27.12 - 4.82435i$$

$$X = 27.12 + 4.82435i$$

(x) $\sqrt{10} = 9.60$
 real one



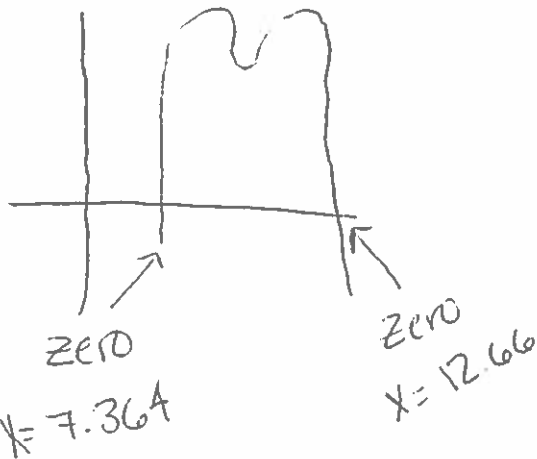
GROUP NAME: <u>The Struggle</u>	Student Names (First and Last)
Date: <u>Sept. 10</u>	Speaker/Presenter: <u>Alyssa</u>
Independent Variable (x-axis): <u>years</u>	Writer/Prep: <u>Cynthia</u>
Dependant Variable (y-axis): <u>cases of L.D</u>	Leader/Collaborator: _____

Conclusion (in words):

In the years of 2007 and the end of 2012 there were no cases of L.D.

Supporting Work:

$$y = -1.7208x^4 + 69.225x^3 - 1036.529x^2 + 6843.925x - 16773$$



4th degree = 4 zeros

two real zeros

1. $x = 7.364 \quad y = 0$
2. $x = 12.66 \quad y = 0$

two complex

1. $x = 101.102 - 1.58019i \quad y = 0$
2. $x = 10.102 + 1.58019i \quad y = 0$

GROUP NAME: ~~PHILIP~~ FHRIPT

Date: 9/10/14

Student Names (First and Last)

Speaker/Presenter: Adam

Independent Variable (x-axis): Time in years

Writer/Prep: Noah

Dependant Variable (y-axis): Cases of L.D.

Leader/Collaborator: Adam

Conclusion (in words):

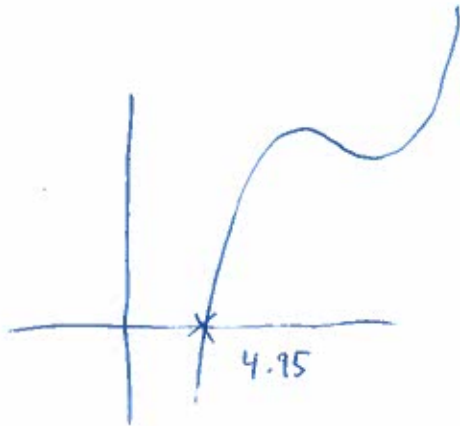
The real zero is $x = 4.95$, complex are $x = 12.40 - 3.459i$

$$x = 12.40 - 3.459i$$

$$x = 12.40 + 3.459i$$

Supporting Work:

In the year 2005, there were no cases of Lyme Disease.



White Couls

GROUP NAME:

Date: 9/10

Student Names (First and Last)

Speaker/Presenter: Khalid

Independent Variable (x-axis): Age group

Writer/Prep: Vaish

Dependant Variable (y-axis): # of kids who like grape med

Leader/Collaborator: _____

Conclusion (in words):

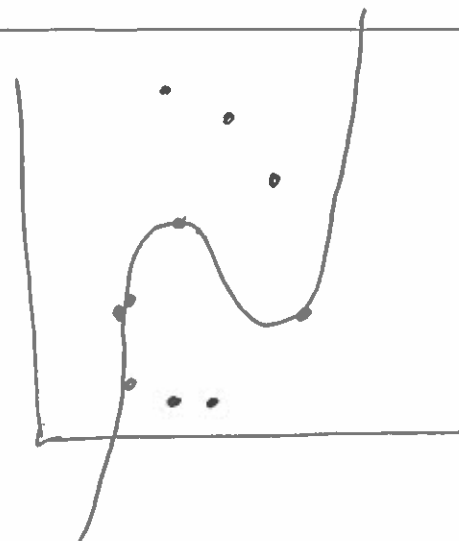
$$x = 3.24171$$

$$x = 12.6558 - 4.15337i$$

$$x = 12.6558 + 4.15337i$$

At age 3.24 no one likes grape medicine

Supporting Work:



GROUP NAME: Oddball Incorporated

Student Names (First and Last)

Date: 9/15

Speaker/Presenter: FIXE1

Independent Variable (x-axis): games

Writer/Prep: EROME

Dependant Variable (y-axis): Games Sold

Leader/Collaborator: _____

Conclusion (in words):

We reached our maximum sales at game 7.94... of 2.40... million sales

Supporting Work:

Cubic

We reached our minimum sales at game 3.19... of 1.36... million sales.

- L1
- L2
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0
- 2.65
- 2.42
- 1.45

$x = 7.94$

Max → Calc 4

left bound = 7.34

right bound = 8.61

guess = 8.61

y: 1.7

y: 2

$x = 3.19$



Min → Calc 3

left bound = 3.55

right bound = 3.0

guess = 3.0

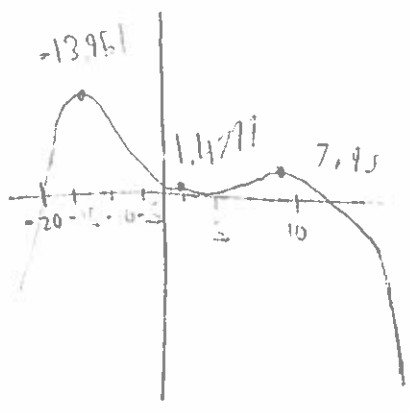
x = 3.19

y = 1.36

<p>GROUP NAME: <u>oddball incorporated</u></p> <p>Date: <u>9/15/19</u></p>	<p>Student Names (First and Last)</p> <p>Speaker/Presenter: <u>Mark</u></p>
<p>Independent Variable (x-axis): <u>game number</u></p> <p>Dependant Variable (y-axis): <u>TRADES SOLD</u></p>	<p>Writer/Prep: <u>Christian</u></p> <p>Leader/Collaborator: _____</p>

Conclusion (in words): Our local maxima is 7.95 in which we'll make 25,915,903 as well as -13,961 being the other one 253233543.
 Our local minima is 1.4799 where this game will make 1378782.

Supporting Work:



GROUP NAME: The Struggle

Date: Sept 15

Student Names (First and Last)

Speaker/Presenter: Alyssa, Noah

Independent Variable (x-axis): years

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

Writer/Prep: Cynthia

Leader/Collaborator: Adam

Conclusion (in words):

Supporting Work:

quartic

max: (8.50..., 41.16...)

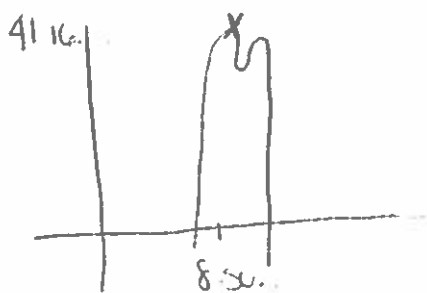
In the year 2008 was the most cases of L.D. at 41.16

Cubic

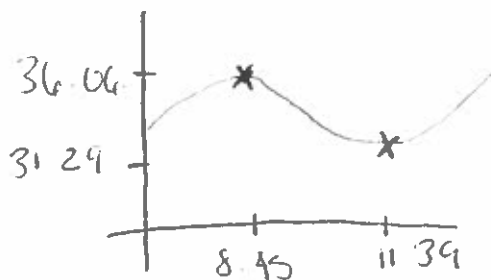
max: (8.45..., 36.06...) min: (11.39..., 31.29)

In the year 2008 the most cases of L.D. at 36.06 and in the year 2011 the least amount of cases at 31.29

graphs



quartic



cubic

GROUP NAME: White Coat Society

Date: 9/15/14

Student Names (First and Last)

Speaker/Presenter: Chelsea

Independent Variable (x-axis): Age

Writer/Prep: ~~William~~ Liam

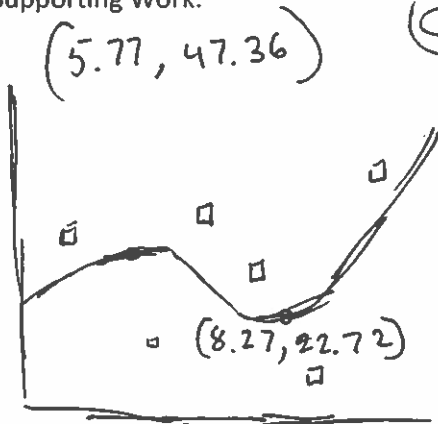
Dependant Variable (y-axis): how many out of 100

Leader/Collaborator: ~~William~~ Vagish

Conclusion (in words): The graphs had shown through cubic regression ~~that~~ & quartic regression that between 5-7 ~~years~~ is the age group that people will like Daft Punk the most.

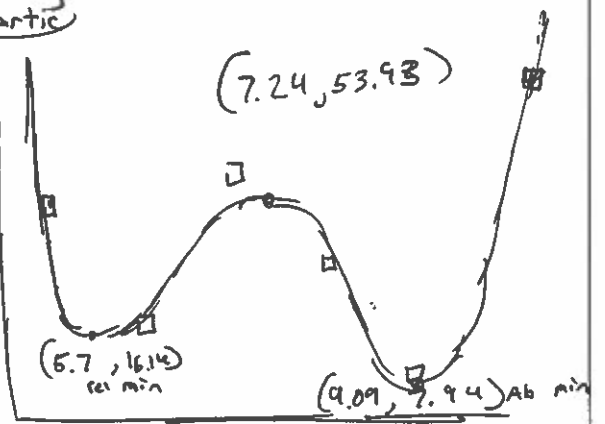
Supporting Work:

Cubic



- At 5.77, that is the highest amount of people will like Daft Punk.

Quartic



- At 7.24, that (quartic graph) shows that ~~at~~ 7.24 is the point of where people will like Daft Punk the most.

~~4.87 = not~~

GROUP NAME: Educating the Minds

Student Names (First and Last)

Date: 9/16/2014

Speaker/Presenter: Vivian Medina

Independent Variable (x-axis): Ages

Writer/Prep: Monique Beasley

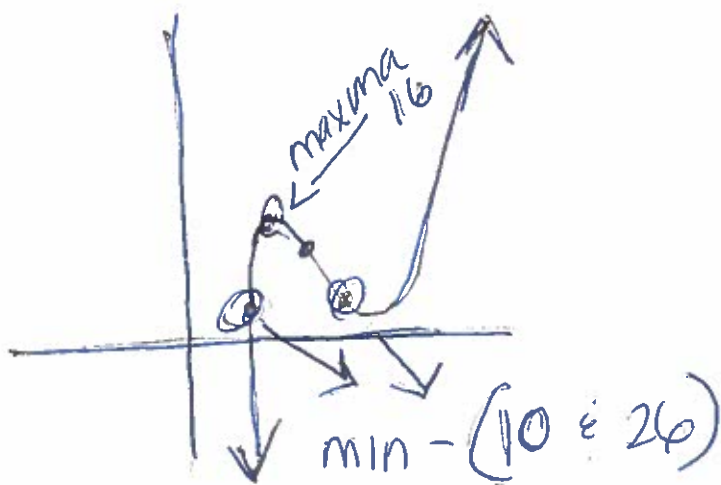
Dependant Variable (y-axis): Hours

Leader/Collaborator: Lissa Zambrano

Conclusion (in words):

At the age of 16, kids will spend the most time on social media. At the ages of 10 & 26 they will spend the

Supporting Work: least amount of time on social media



Left bound - 10.01...
Right Bound - 29.62...

Cubic
Calc-min
Calc-max

<u>Data</u>	
<u>L1(x)</u>	<u>L2(x)</u>
11	2
15	5
19	4
23	3
27	2

GROUP NAME: Educating the Mind

Date: 9/15/14

Student Names (First and Last)

Speaker/Presenter: _____

Independent Variable (x-axis): Ages

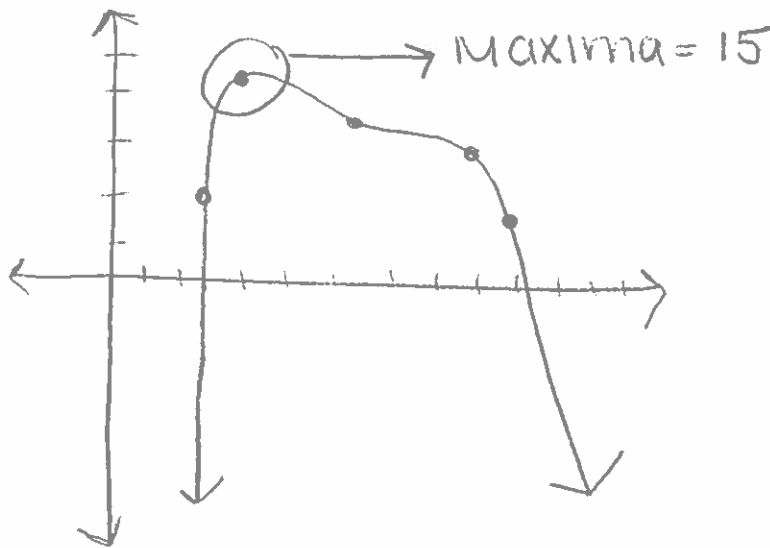
Writer/Prep: MACKENZIE MAURO

Dependant Variable (y-axis): HOURS

Leader/Collaborator: CASSIE SVECZ

Conclusion (in words): 15 is the age that the social media will hit it's maximum.

Supporting Work:



Calc 4: Max
 Left: 12
 Right: 16
 Guess: 16
 $x = 15.000 \dots$

age

Data	
L1(x)	L2(y)
15	5
19	4
23	3
27	2
11	2

hours