Finding MAX/MIN

CALC = [2nd] [TRACE]

4: MAX

Left Bound: 2014

Right Bound: 2095

Guess: <enter>

MAX:

X = 2070.386 (where) Y = 31.94 (what)

Finding Zeros

Change window so I can see it.

CALC 2: zero

Left: 2014

Right 2500

Guess 2500

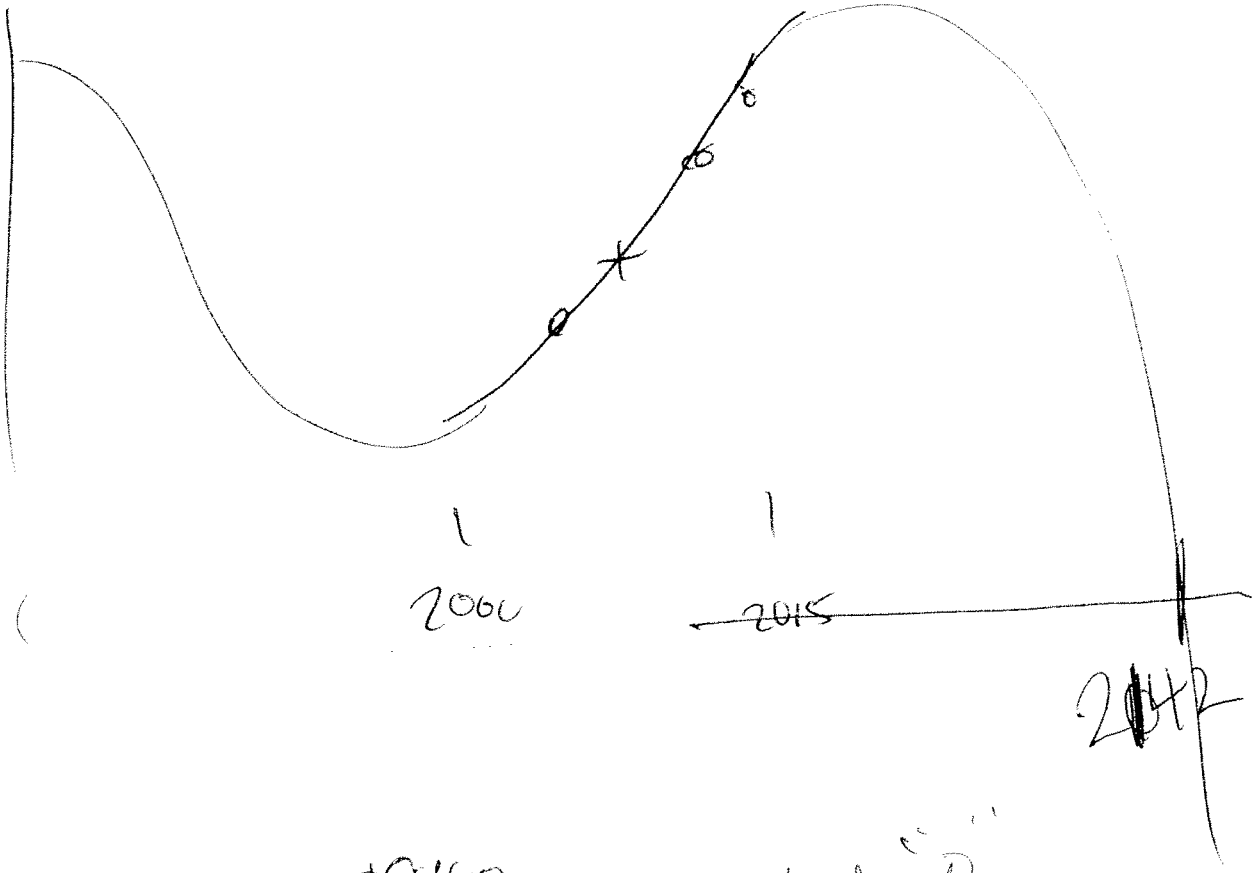
X = 2124.30 Y = 0

6: Cubic Regress.

Find Zero

7: Quartic Regress

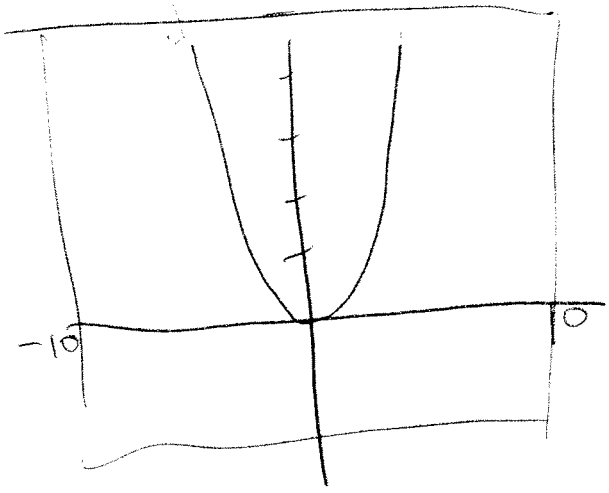
Find Max/Min

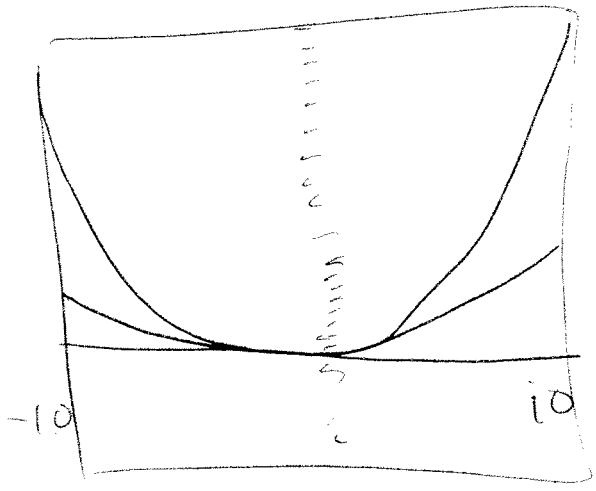


Xmin: 1940
Xmax 2250

Lud "0"

Zoom 0: zoomfit





GROUP NAME: ILM.

Logo: 

Date: 04/04

Topics: Number of immigrations from ... in last ... years.

Student Names (First and Last)

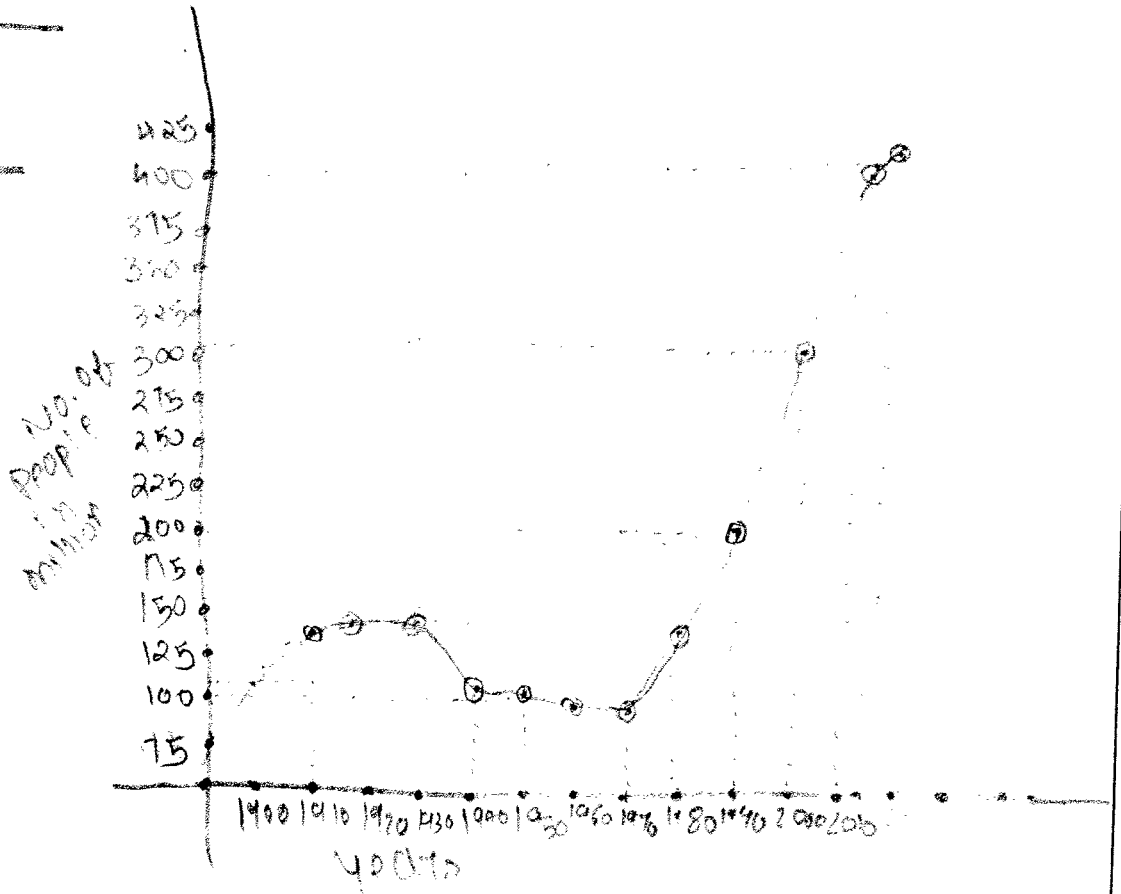
Speaker/Presenter: Jake.

Writer/Prep: Hiral.

QC/Leader:

Instructions: - Plot the years on x-axis
- plot the no. of immigrants on y-axis.
- Find out the minimum & maximum.

x	y
1900	103 m.
1910	135m
1920	139 m.
1930	112 m
1940	115 m
1950	103 m
1960	91 m
1970	96 m
1980	140 m
1990	197 m
2000	310 m
2010	390 m
2011	403 m



"In 1881 there were no immigrants in U.S.A"

minimum (1958, 101m)

maximum (1917, 136 m)

Range - (1881 0)

GROUP NAME:	Student Names (First and Last)
Logo:	Speaker/Presenter: Valeria Arreguin
Date:	Writer/Prep: Yelena Bermudez
Topics:	QC/Leader:
Instructions:	

Random Equation

~~$2x^2 - 3bx + 4$~~

quartic Reg

$y = (5E^{-5})^4 + (-.39...)^3 +$

$1197x - 159.... +$

$797...$

Baby Pandas bred	Year
4	1980
16	1990
28	2000
36	2010
48	2020

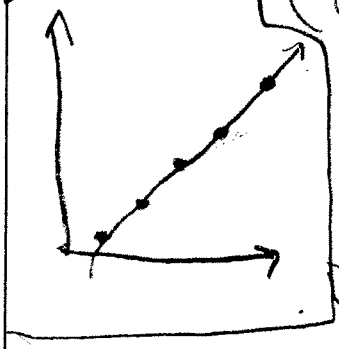
max

2020

47.82...

Zero

1977



Cubic Reg

~~$d = -525.1228$~~

minimum

1980 3.82...

~~$y = -6.6...x^3 + 3.78x^2 - 7918.X + 5$~~

Cubic Reg

$(3.33...X)^3 - (2.00...X)^2 + 4012x... +$

$-268....$

GROUP NAME:

Logo:

Date: 9/4

Topics: max/min

Student Names (First and Last)

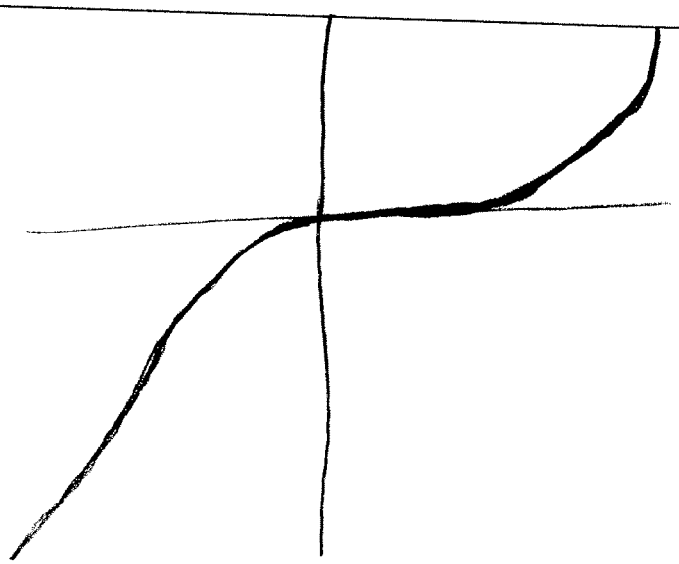
Speaker/Presenter: Trey

Writer/Prep: Tatiana

QC/Leader:

Instructions:

2012	35
2011	20
2010	9
2009	9
2008	6



Quartic Regression

$Y = ax^4 + bx^3 +$

$a = -.875$

$b = 35.583$

$c = -556.125$

$d = 3552.4166$

$e = -8736$

$r^2 = 1$

zero = 6.59

max = 15

Y = 170.8

min = -499

Y = -1469.198

GROUP NAME: Science

Logo:

Date:

Topics:

Student Names (First and Last)

Speaker/Presenter: Rachel Jaye

Writer/Prep: Alex Haterville

QC/Leader: ~~Kelsie~~ Kausalya Manna

Instructions: Graph cubic & Quart Reg. find zeros & max/min

$x = 2485$

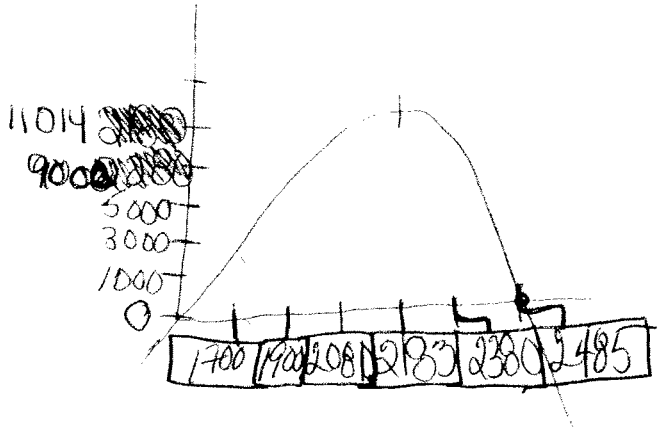
$(0, 2485)$

left bound $x = 2100$

right bound $x = 2249$

$x = 2183$ $y = 11,014$

$\max(2183, 11,014)$



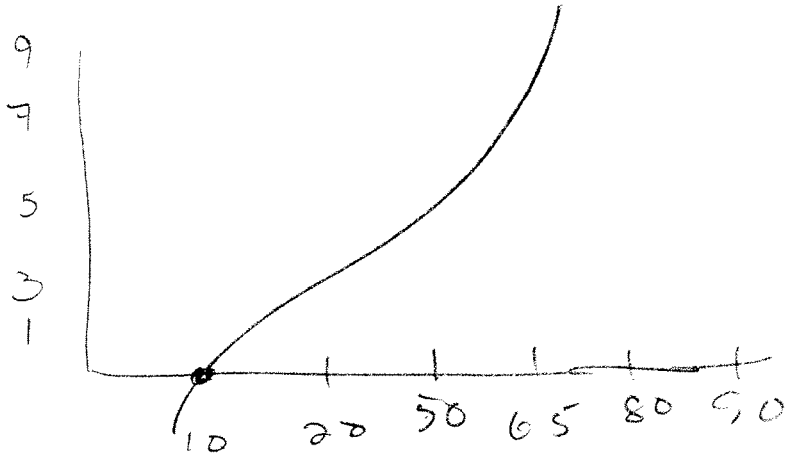
In the year of 2183, 11,014 dolphins had died off although in the year of 2485 no dolphins were found dead.

GROUP NAME:	Student Names (First and Last)
Logo:	Speaker/Presenter: Rex
Date:	Writer/Prep: Lucy
Topics:	QC/Leader: Scott

Instructions: The years of the school. Starting salary of graduates.

1	20,000
3	50,000
5	65,000
7	80,000
9	90,000

Zero:



At .019 years of school you'd make $0 dollars.

GROUP NAME: Math Lovers

Logo:

Date: 9/4/13

Topics: Salary Vs years worked @ company

Student Names (First and Last)

Speaker/Presenter: Jen Salinas

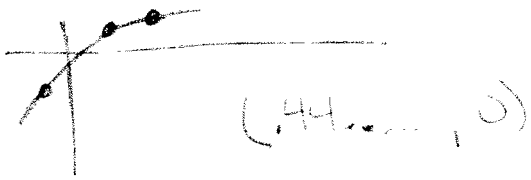
Writer/Prep: Erik

QC/Leader: Nicole Bonelli

Instructions: ~~Compare salaries to the years worked by years~~

L_1	L_2 (In terms of thousand)
1	10,[redacted]
2	17,[redacted]
3	25,[redacted]
4	22,[redacted]
5	29,[redacted]

$y = .75x^3 - 7.53x^2 + 25.7x + 10.4$



at .44 years your salary is nothing!

7 3: minimum X=-.5042503 Y=-25.88294

4: maximum: X=.9125696 Y=8.2759203

minimum X=1.1481373 Y=9.590105

max: X=.5829746 Y=122.58192

GROUP NAME: Business Crew

Logo: BC

Date: 9/9/13

Topics: How many people wear glasses?

Student Names (First and Last)

Speaker/Presenter: Stan Kupiec

Writer/Prep: Valeen Sinclair

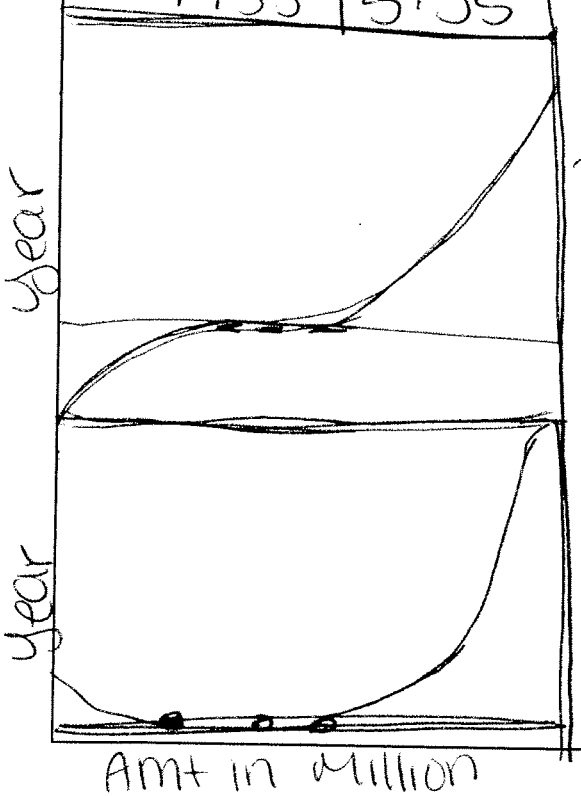
QC/Leader: Danyan Zhou

Instructions: At 1943 zero people will wear glasses.

1286 glasses invented:

year	amt in mil
- 1950	3.25
- 1951	3.76
- 1952	4.54
- 1953	4.97
- 1954	5.13
- 1955	5.55

1.) STAT option Edit
NABS = EQ
Y=



1.) Cubic Regression
zero = 1943

2.) Quadratic Regression

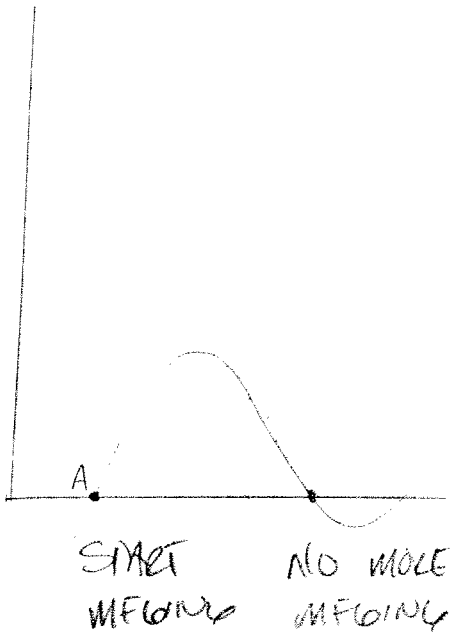
MAX: 2164721.72
MIN: 3.32

GROUP NAME: DA ENGINEERS Logo: WE LOVE MATH.	Joseph Kparway Student Names (First and Last) Speaker/Presenter: Harrison Sanders Writer/Prep: Vince Aud QC/Leader: JIM KUKON
Date: 9-4 Topics:	

Instructions:

Year	Transistors made
1960	100
1970	97
1980	84
1990	62
2000	31
2010	4

A = started making transistors



IN YEAR 2023 TRANSISTORS WONT BE MADE

Zero transistors made in year $x = ?$

Zero: 2071.3617

GROUP NAME: McDonalds Logo: M	Student Names (First and Last) Speaker/Presenter: Brandon Rivera Writer/Prep: Darshit Jariwaa QC/Leader: SIMON GUZMAN-BOSS
Date:__________ Topics:	

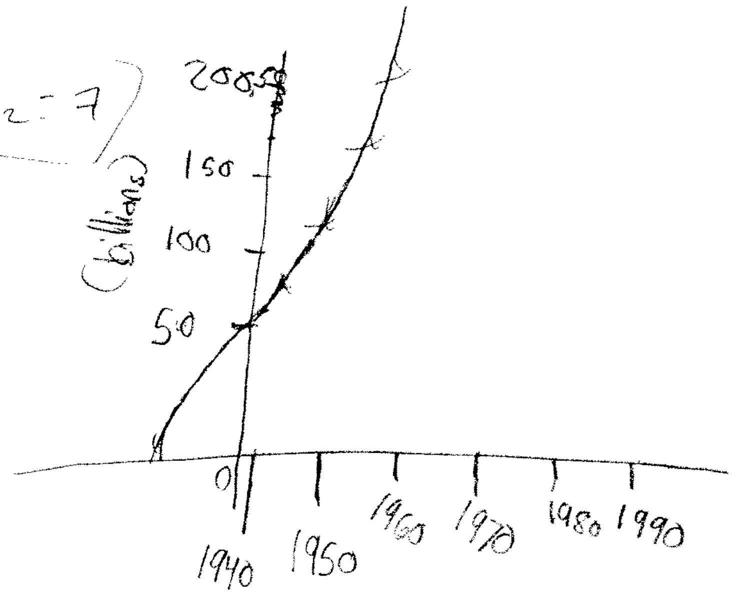
Instructions:

zero

$x = -.9250504$ $Y = 0$, $X_2 = 0$ $Y_2 = 7$

Minimum

$X = -.3191434$ $Y = 5.306766$



GROUP NAME: Smiley ☺

Logo:

Date: 9/4/13

Topics:

Instructions: Digital Cameras

Student Names (First and Last)

Speaker/Presenter: Natalie Castillo

Writer/Prep: Kerline Simon

QC/Leader:

Years	Price
09'	$300
10'	$250
11'	$299
12'	$175
13'	$199

Cubic Reg

$y = ax^3 + bx^2 + cx + d$

$a = 4.0833^-$

$b = -24636.53571$

$c = 49547627.81$

$d = -3.321577 E 10$

Min 2012 = 192.907

MAX 2009 = 293.387