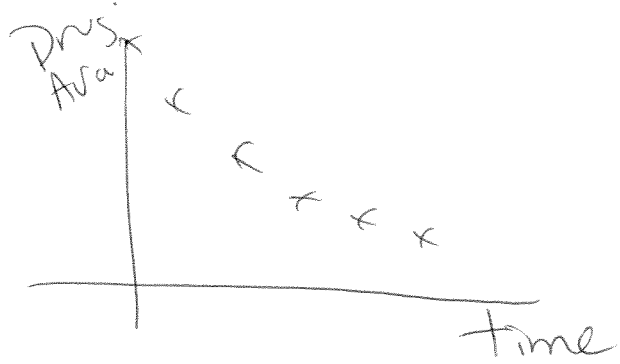
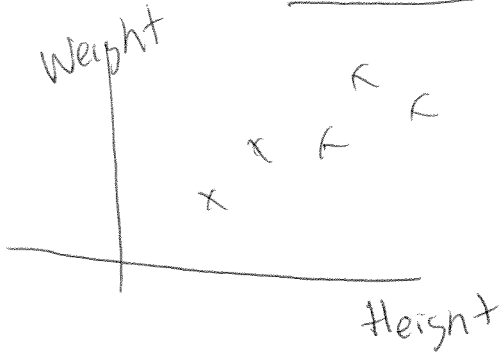
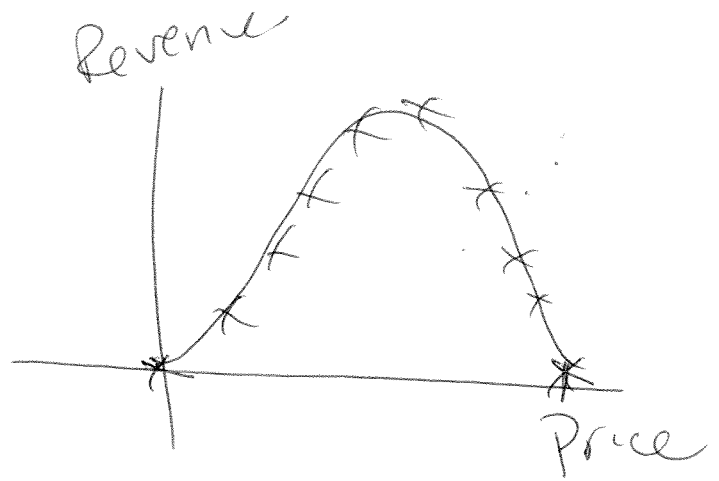
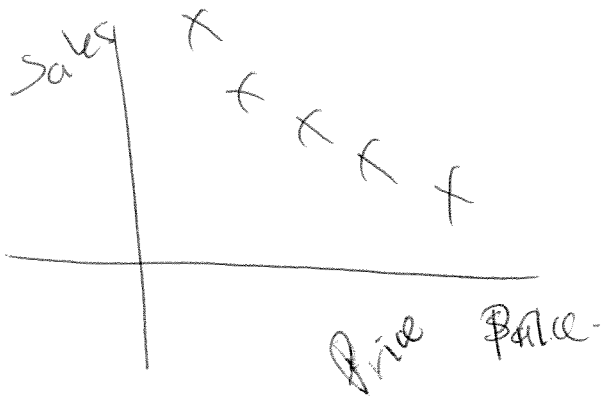


DATA

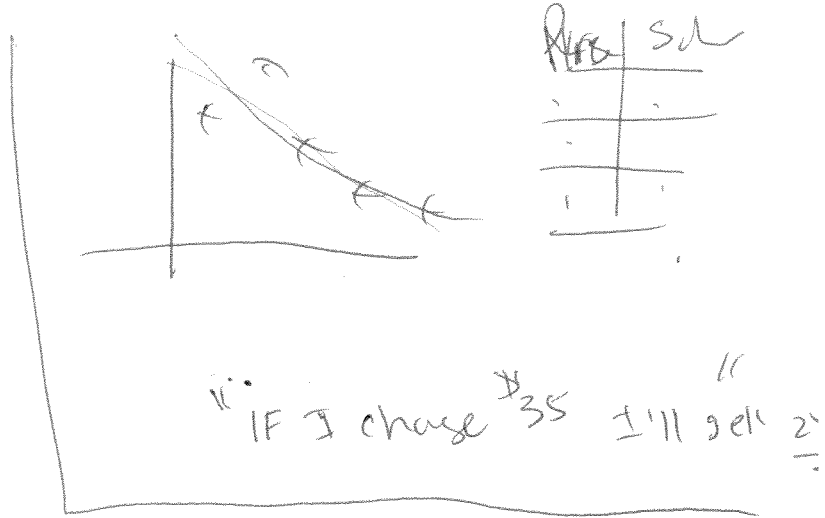
Science



Business



Price	Sales	Revenue
\$50	20	\$1000
\$75	10	\$750
\$100	10	\$1000
\$125	6	\$750
\$25	23	\$575



" IF I charge \$35 I'll sell 21 "

Enter Data

STAT 1: EDIT

L1	L2
50	20
75	18
100	10
125	6
25	23

Plot Data

STAT PLOT = 2nd | Y=

STAT PLOT 1: ~~DATA~~ (center)

Zoom 9: Zoomstat

Evaluate

Plug in a value.

Sale (price)
S(\$35) = 23.66...

Find Regression

STAT → CALC 0: Exp Reg
Lenter → 4. Linear
5. Quadratic

$$Y = 37.99... - (.9865...)^x$$

Graph Regression

Y= VARS 5: stat (→) (→)

1: RegEq

Graph

Solve

Sale (price) = 20
Y₂ = 20
Price \$47.45

GROUP NAME: <u>TTIO</u>	Student Names (First and Last)
Logo:	Speaker/Presenter: <u>Trey</u>
Date: <u>8/26</u>	Writer/Prep: <u>Tatiana C.</u>
Topics: <u>iphones</u>	QC/Leader: <u>Dominique</u>

Instructions:

Data

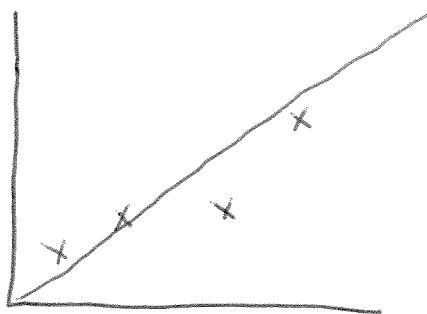
(L ₁) X	(L ₂) Y
2012	35
2011	20
2010	9
2009	9
2008	6

stat edit

iphones sold around the world (in millions)

information found @ businessinsider.com

regression



linear

iphones are predicted to incline from our data.

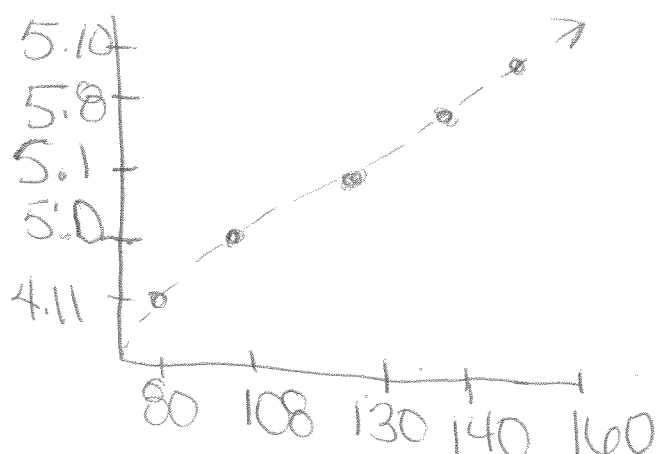
and table In 2014, 43.4 million iPhones would be sold

GROUP NAME: <u>Science</u>	Student Names (First and Last)
Logo:	Speaker/Presenter: <u>Rachel-Kausalya</u>
Date: <u>08/26/2013</u>	Writer/Prep: <u>Yelena - Valerie - Rachel</u>
Topics: <u>High/Weight</u>	QC/Leader: <u>Alex</u>

Instructions: Took data from the group members and put it in the calculator as StatPlot form.
 Define height/weight relation for the control group.

NAME	Height	Weight
Yelena	5'	108
Kausalya	4'11"	80
Alex	4'11" 5'8"	140
Valerie	5'1"	130
Rachel	5'10"	160

Prof Porter can join our group because he's tall enough



as height goes up weight goes up

$$y = .014x + 3.25$$

The graph shows that when the height goes up the weight goes up (increases)

GROUP NAME: <u>Business Crew</u>	Student Names (First and Last)
Logo: <u>BC</u>	Speaker/Presenter: <u>Stan Kapan</u>
Date: <u>08/26</u>	Writer/Prep: <u>Valeen Sinclair</u>
Topics: <u>Penny stocks</u>	QC/Leader: <u>Tim Pitonyak, Danyan Zhou</u>

Instructions: ~~How much of a risk are you willing to take on penny stocks.~~

L1	L2
14	4
254	3
754	2
\$1.00	

Life insurance

As people get older there will be more sales in life insurance.

STAT

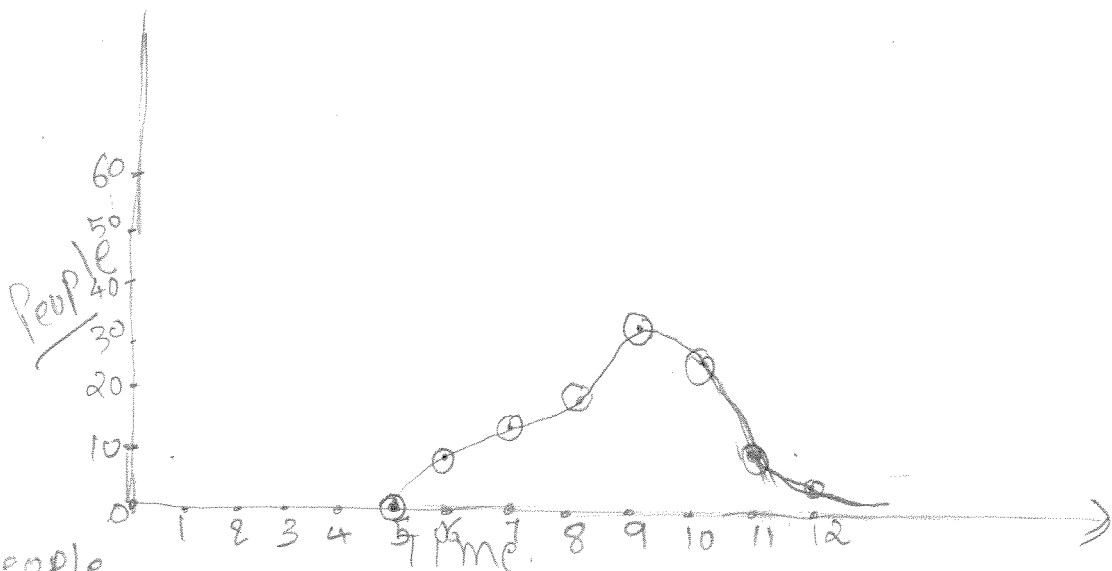
1. EDIT...

AGE	Sales
L1	L2
20	32%
30	45%
40	55%
50	65%
60	80%

GROUP NAME: <u>ILM</u>	Student Names (First and Last)
Logo:	Speaker/Presenter: <u>Jake</u>
Date: <u>8-26-13</u>	Writer/Prep: <u>Hiral</u>
Topics:	QC/Leader: <u>Kevin</u>

Instructions: In a Party

Party Start Time



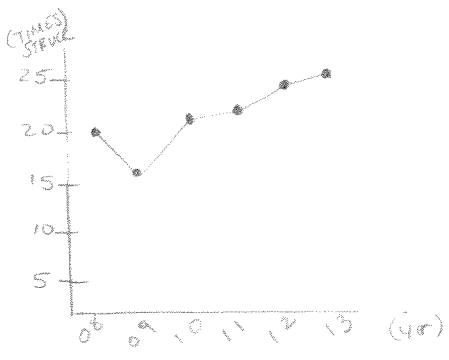
Time	People
x	y
5	0
6	10
7	15
8	20
9	35
10	30
11	10
12	5
12 1/2	0

- The Graph says that if Party starts too early or too late less people would join.

GROUP NAME: LA - S+B Logo: Date: <u>8/26/13</u> Topics: <u>struck by lightning</u>	Student Names (First and Last) Speaker/Presenter: <u>Brandon</u> Writer/Prep: <u>Simon</u> QC/Leader: <u>Brandon</u>
---	---

Instructions:

(Guesses) Struck by lightning per year



yr	Struck lightning
2008	20
2009	16
2010	22
2011	23
2012	25
2013	26

a. $9.6\overline{80}$
 b. $1.0\overline{80}$

GROUP NAME: Pancho's

Student Names (First and Last)

Logo:

Speaker/Presenter: Jon Sabones

Date: 8/26

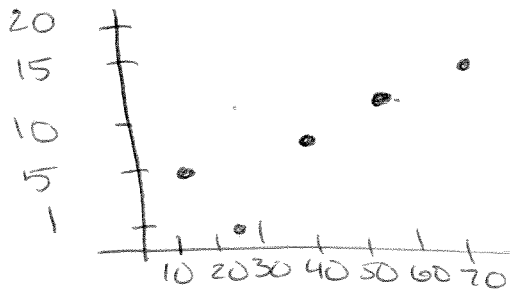
Writer/Prep: Nicole Bonelli

Topics: job satisfaction

QC/Leader: Avik Khareya

Instructions:

<u>yrs of service</u>	<u>job satisfaction</u>
1	25
5	72
10	32
15	50
20	61



Graph shows a decline from 1-5 yrs then an increase in happiness.

GROUP NAME:	Student Names (First and Last)
Logo:	Speaker/Presenter: <u>Ilex</u>
Date: <u>08/26/2013</u>	Writer/Prep: <u>Scott</u>
Topics:	QC/Leader: <u>Lucy</u>

Instructions:

Sales of cars in July from 2009

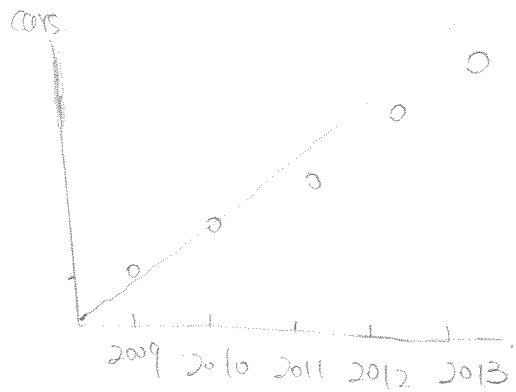
L1	L2
2009	12,000,000
2010	13,000,000
2011	14,750,000
2012	18,125,000
2013	20,225,000

STAT CALC : 5 Quadreg

2009 19

VARS : 5 → →

GRAPH



$$y = ax^2 + bx + c$$

$$a = .576785 \dots$$

$$b = -3.926785 \dots$$

$$c = 24.775$$

projection of sales in 2014, July will be 21 mil

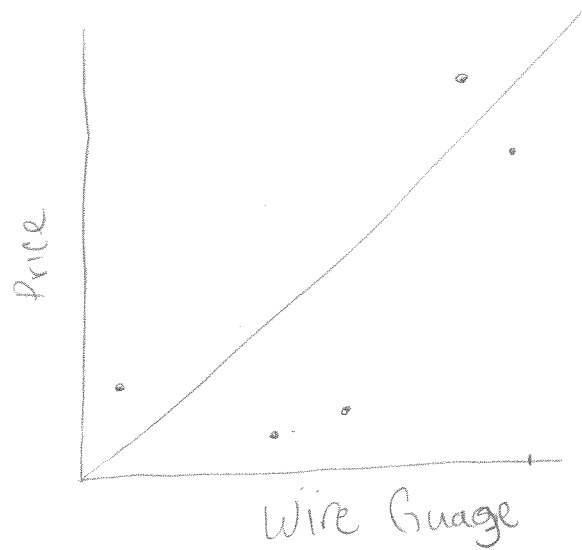
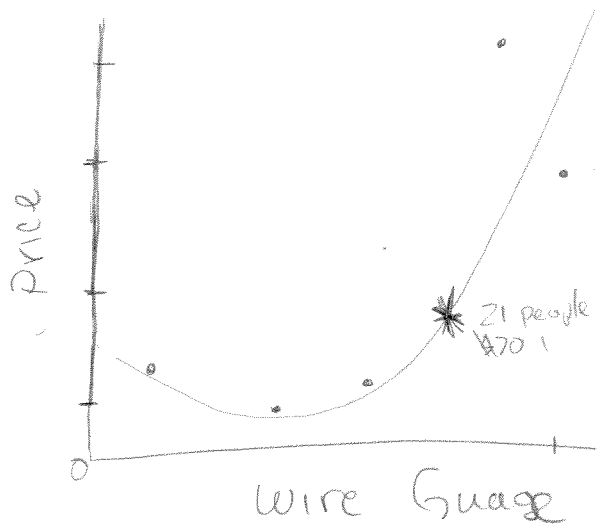
GROUP NAME: <u>Da Engineerz</u> Logo: _____	Student Names (First and Last) Speaker/Presenter: _____
Date: _____ Topics: _____	Writer/Prep: _____ QC/Leader: _____

Instructions:

How much will people pay for a Samsung?
 (Galaxy S4)




PEOPLE	\$
13	50.00
26	100.00
25	200.00
19	30.00
17	20.00



21 people for \$70.25

How many ~~people~~ ~~Gauge~~ will pay \$70 for a Samsung?
 (Galaxy S4)

GROUP NAME: <u>Smily Group</u>	Student Names (First and Last)
Logo: 	Speaker/Presenter: <u>Natalie Castillo</u>
Date: <u>8/24</u>	Writer/Prep: <u>Sharon Isoe</u>
Topics: <u>Health Insurance</u>	QC/Leader: <u>Both</u>

Instructions: Statistics Based on Any Insurance in companies year 2013

x	y
10	4
20	8
30	10
40	12

Health Insurance

How many people can be covered based on income.

Our evaluations conclude that an income of \$10,000 covers families of 4.

$$\text{co-pay} = 40$$

$$y = mx + b$$

$$4 = 10x + 20$$

↑
inc

↑
co-pay

