Price	Sales	Revenue
$50	20	$1000
$75	18	$1350
$100	10	$1000
$125	6	$750
$25	23	575

"IF I charge $35 I'll get 2"

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: <enter>

Zoom 9: Zoomstat

Find Regression

STAT > CALC 0: ExpReg
<enter> 4: LinReg
5: Quadratic

$y = 37.99... \cdot (.9865...)^x$

Grap Regression

Y= VARS 5: Stat > >

1: RegEq

Graph

Evaluate

Plug in a value.

Sale (price)

S(35) = 23.66...

Solve

Sale(price) = 20

$Y_2 = 20$

Price $47.45

GROUP NAME: Mathletes

Logo: 

Date: 8/26

Topics:

Student Names (First and Last)

Speaker/Presenter: Kyle Inverso

Writer/Prep: Aidan Callaway

QC/Leader: Logan Hockenbury

Instructions: how much acid can a beam that supports a bridge take before it gives up

% of effectiveness	time
97%	5 years
93%	10 years
86%	15 years
78%	20 years
62%	25 years
50%	30 years

GROUP NAME: TIME IS MONEY Logo:	Student Names (First and Last) Speaker/Presenter: Angelika
Date: 08/26/13 Topics:	Writer/Prep: Shi QC/Leader: Eugenio

Instructions: COST of IPhone 4S overtime.

STAT 1: EDIT

L2 → Price of IPHONE 4S Dropped
L1 → Number of month

Enter data

L1	L2
0	700
1	650
2	575
3	540
4	480
5	430

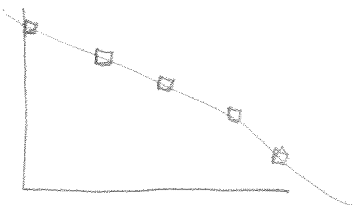
Graph
Y= VARS 5: Stat > >
1: Reg. Eq

GRAPH

Plot Data
STAT PLOT: 2nd Y=
STAT PLOT 1: <enter>

ZOOM 9: ZOOM STAT

Solve
Y2 500
Month
3.521



6th Month
Price will Drop by $35.

Regression
STAT > CALC
<enter>
Y = (707.7437 x .907197)^x

GROUP NAME: Apples 2 Apples	Student Names (First and Last)
Logo:	Speaker/Presenter: Thomas Yeager
Date: 08/26/13	Writer/Prep: Anna Sajenska
Topics:	QC/Leader: Steve Howarth

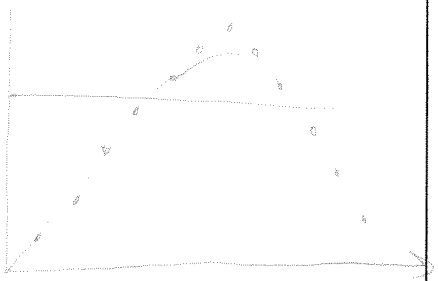
Instructions: Create DATA
get regression

1. weather

1	31
2	38
3	48
4	59
5	70
6	82
7	88
8	84
9	69
10	57
11	44
12	29

2. [STAT] EDIT
<enter data>
[2nd] [y=]
stat plot on
[zoom] [9]
graph

temp ^



month

[stat] calc
[6] <enter>
[y=] [vars] [5] [→]
[enter]
[graph]

evaluate:
y = 65
[y=] y_2 = 65
[2nd] [trace] [5]
[enter] 3x
x = 4.25

In April we predict the temperature will hit 65.

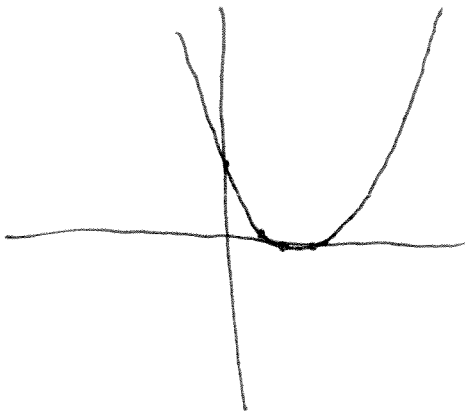
GROUP NAME: Wolf Pack Logo:	Student Names (First and Last) Speaker/Presenter: Jared Schuster
Date: 8/26 Topics:	Writer/Prep: Quay QC/Leader: Dominic

Instructions:

Download Speed

Quadred

Year	Speed
'96	14 kb
'98	28 kb
'01	56 kb
'03	5mb (5000kb)
06	10 mb (10,000kb)



2015 Speed would be 183,959 kb

183mb

GROUP NAME: ~~Natty Ice~~ IRISH MATH BOMBS

Logo:

Student Names (First and Last)

Speaker/Presenter: Conan the Cobb

Date:

Writer/Prep: Will Smith

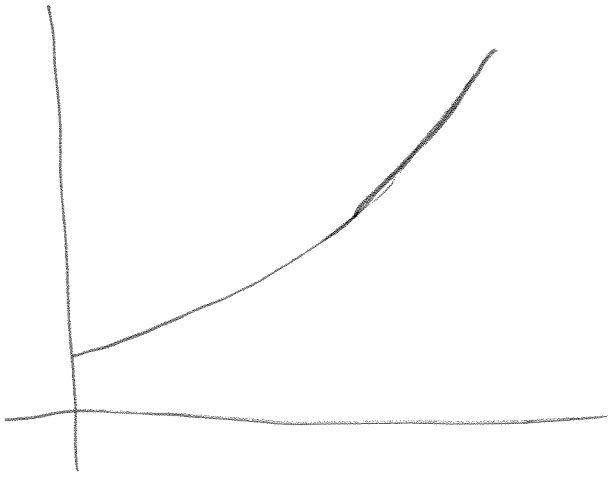
Topics: Alcohol Prices over last 10 years

QC/Leader: Bobby O'Connor

Instructions:

Price of ~~Natty Ice~~ PBR over last 10 years (~~U.S.~~ N.J. Prices) (30 pack) (with tax)

Year	Price
2003	13
~~2004~~	
05	15
~~06~~	
07	16
~~08~~	
09	19
~~10~~	
11	20
~~12~~	
13	21



Q: When will PBR cost $30 for a 30 pk?

A: around October of 2019

Q: How much Does PBR actually cost in 2013?

A: $21.83 Expon Reg

GROUP NAME: The Factors

Logo:

Date: 8/26/13

Topics:

Student Names (First and Last)

Speaker/Presenter: Alex Sveez

Writer/Prep: Kevin Chavez

QC/Leader: Ryan Bigley

Instructions: Government Spending on Infastructure over time 1950-2010

L_1	L_2
1950	3.5
1960	2.2
1970	1.85
1980	2.3
1990	6.7
2000	9.2

STAT 1: Edit

enter data

Plot Data

STAT Plot = 2nd Y=

1: On → enter

ZOOM 9: ZOOM STAT

Find Regression

STAT → CALC 0: ExpReg

enter

Plug in value

Money (year)

2014 = 926 billion

GROUP NAME: The Scientists

Logo: We really like science, but not more than math.

Date: 8/26/13

Topics:

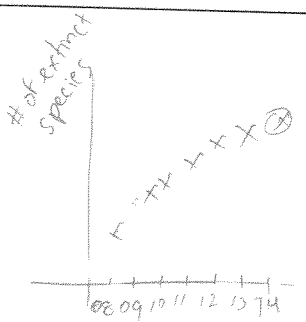
Student Names (First and Last)

Speaker/Presenter: Khiersten Hendricksen

Writer/Prep: Dorin Ciocobisan

QC/Leader: Nicole Pownall

Instructions: The number of extinct species from 2008 - 2013



extinct # of species	time
~~784~~	~~2006~~
~~799~~	~~2007~~
814	08
829	09
844	10
860	11
876	12
905	13

$y = .0395 \cdot 1.01^{x}$

In the year 2014, there will be 914 extinct species

GROUP NAME: CCS

Logo: C C S

Date: 09/26/13

Topics: APPLE DATA

Student Names (First and Last)

Speaker/Presenter: Corneal Douglas

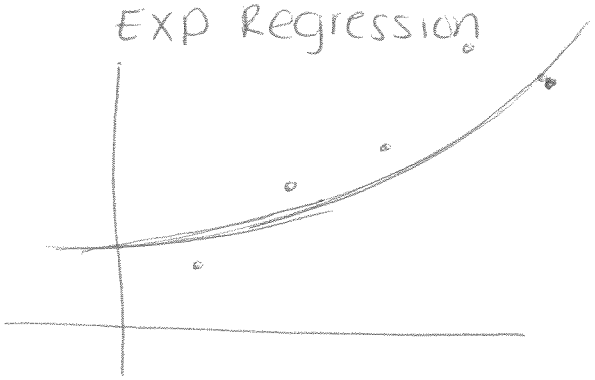
Writer/Prep: Courtney Grubb

QC/Leader: Stephen Smith

Instructions:

Data: Apple stock prices

YR	Price $
09	211.98
10	336.12
11	405.00
12	532.173
13	501.02



$y = ab^x$

$a = 34.346...$

$b = 1.243...$

584.21 is the next predicted stock price for 2014