

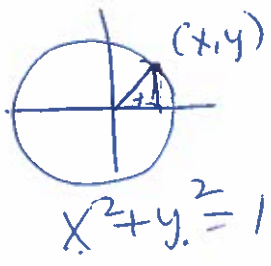
IDENTITIES

For Trig Functions

$$x = \cos \theta$$

$$y = \sin \theta$$

$$y/x = \tan \theta$$



$1 = 2$	Contradiction
$x+1 = 2$	Condition TRUE $x=1$
$x+1 = 2-1-x$	Identity
$0 = 0$	TRUE ALWAYS

$1+1 = 2$

Reciprocal Identities

$\sec \theta = 1/\cos \theta$	$1/x$
$\csc \theta = 1/\sin \theta$	$1/y$
$\cot \theta = 1/\tan \theta$	x/y

Pythagorean Identities

$\star \cos^2 \theta + \sin^2 \theta = 1$

$(\cos \theta)^2 + (\sin \theta)^2 = 1$

$1 + \tan^2 \theta = \sec^2 \theta$

$\cot^2 \theta + 1 = \csc^2 \theta$

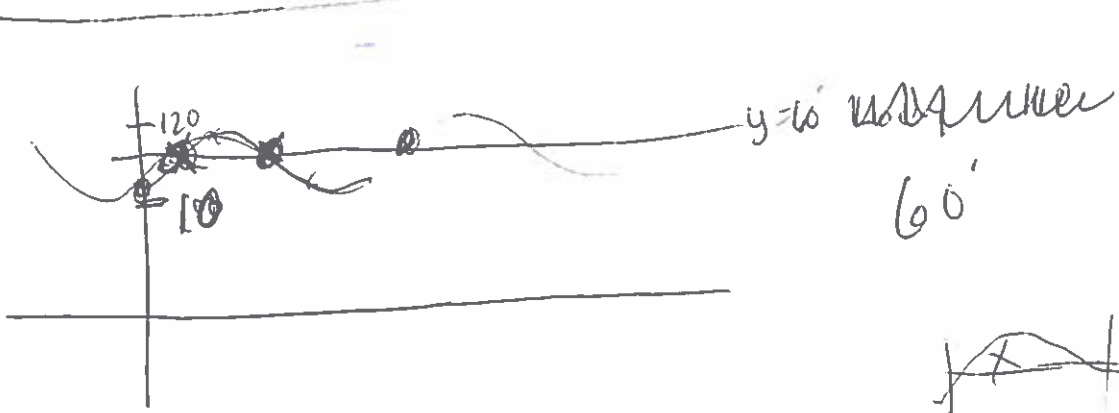
$\cos^2 \theta = 1 - \sin^2 \theta$

$\sin^2 \theta = 1 - \cos^2 \theta$

Quotient Identity

$\star \tan \theta = \frac{\sin \theta}{\cos \theta}$

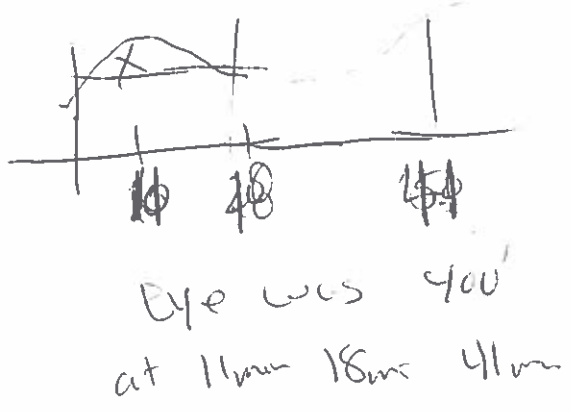
$\cot \theta = \frac{\cos \theta}{\sin \theta}$



$y_1 = \sin \text{ wave}$

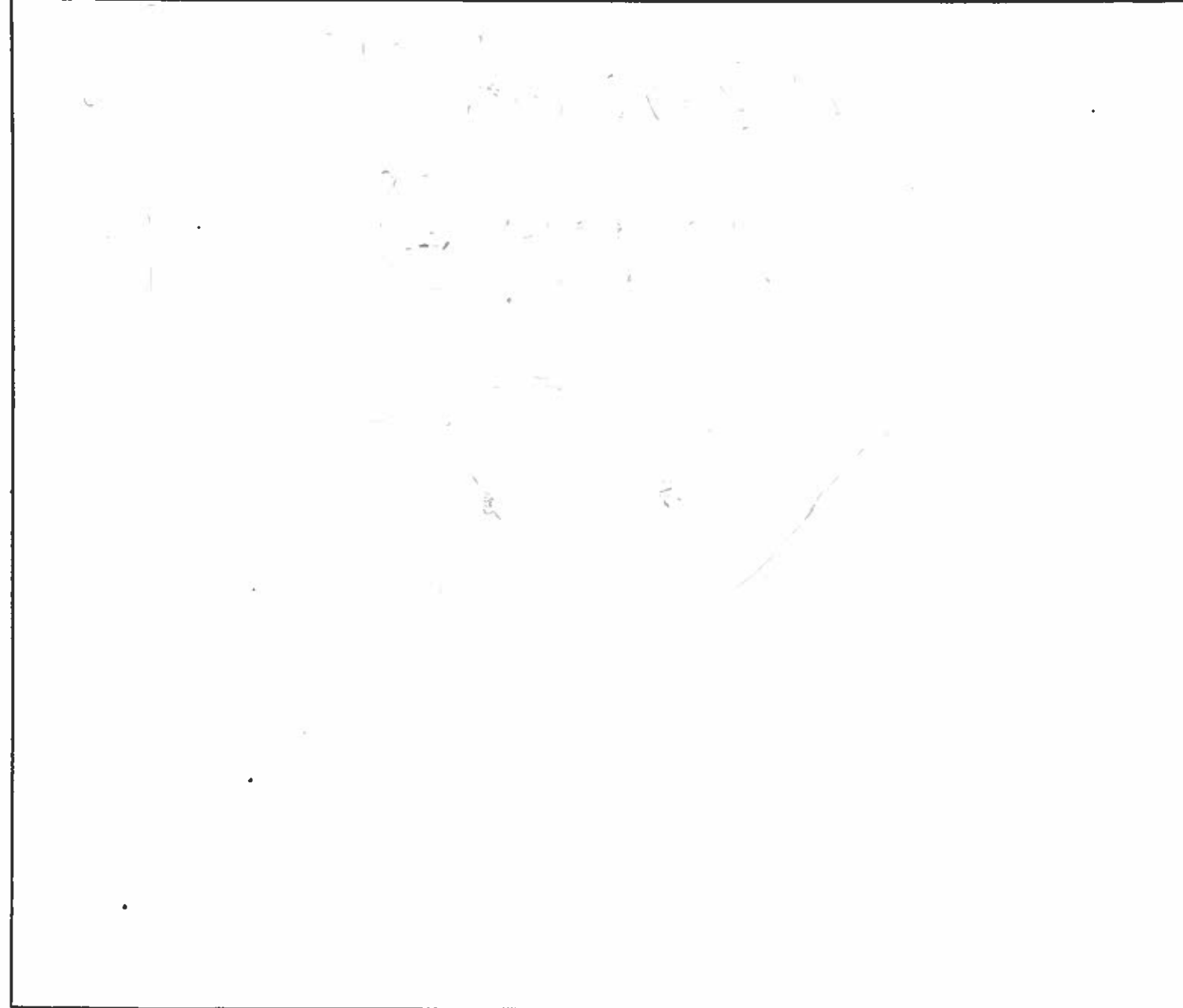
$y_2 = 60'$

Calc 5! Intersect



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

Instructions:



GROUP NAME:

Student Names (First and Last)

Logo:

Speaker/Presenter: _____

Date: _____

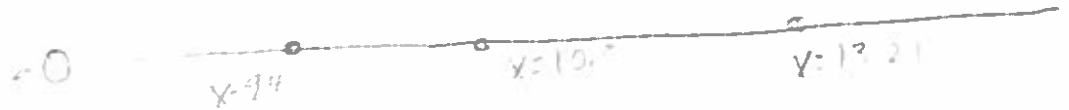
Writer/Prep: _____

Topics:

QC/Leader: _____

Instructions:

L_1	L_2
11	20
11	34
11	20
11	6



$$y' = a^x \ln a$$

$$b = -1.685$$

$$c = 3.411$$

$$y' = 0$$

horizontal at
9.4, 10.5, 13.5

<p>GROUP NAME:</p> <p>Logo:</p>	<p>Student Names (First and Last)</p> <p>Speaker/Presenter: <u>Stacy Kaplan</u></p>
<p>Date: _____</p> <p>Topics:</p>	<p>Writer/Prep: <u>Scott Slikov</u></p> <p>QC/Leader: <u>Danyan Zhou Mengyi Guo</u> <u>Val Sinclair</u> <u>Lianghao Zhang</u></p>

Instructions:

time	\$
8	300
9	2000
10	2300
11	4500
12	5600
13	5170
14	4500
15	1250
16	2300
17	2000

Sin Reg

$$y = a \cdot \sin(bx + c) + d$$

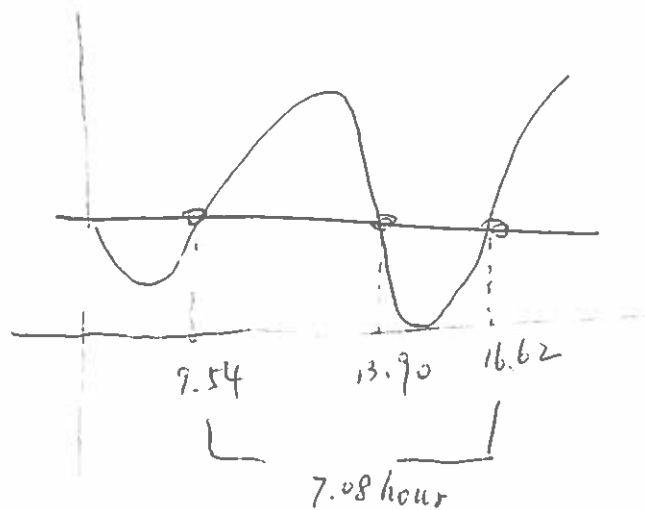
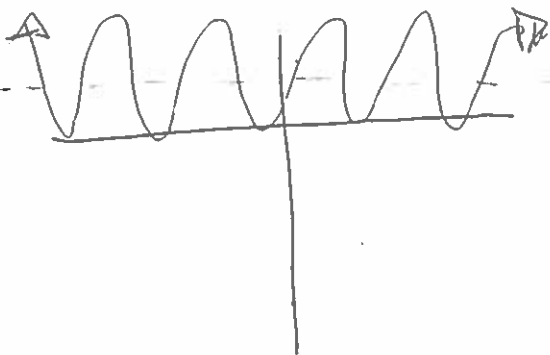
$$a = 2711.07$$

$$b = 0.88716$$

$$c = -2.54$$

$$d = 2998.43$$

$$y = 2000$$



GROUP NAME: JLM

Student Names (First and Last)

Logo: 

Speaker/Presenter: Jake Peethen

Date: 11/06/13.

Writer/Prep: Hiral Desai

Topics: Find the x values in \sin Reg.

QC/Leader: _____

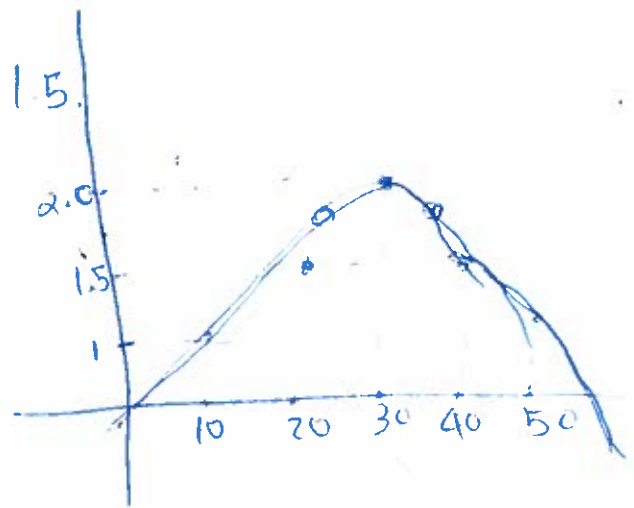
Instructions:

data \rightarrow Manu than 2 miles and come back

$$y = a \sin(bx + c) + d$$

$$y_1 = 0.5 \sin(0.157x + 3.142) + 1.5$$

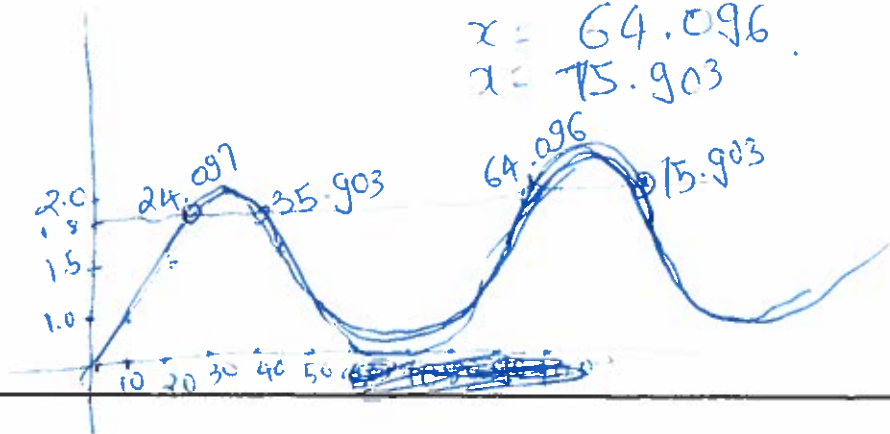
- $a = -5$
- $b = 0.157$
- $c = 3.142$
- $d = 1.5$



x	y
10	1
20	1.5
30	2.0
40	1.5
50	1

$y_2 = 1.8$

- $x = 9$
- $x = 24.097$
- $x = 35.903$
- $x = 64.096$
- $x = 75.903$



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

Instructions:

(The main body of the page contains faint, illegible handwritten text and diagrams, possibly related to a math presentation.)

GROUP NAME: <u>LA EAGLES</u> Logo: Date: <u>11-6-15</u>	Student Names (First and Last) <u>JOE</u> Speaker/Presenter: <u>V. ALLEN</u> Writer/Prep: <u>JIM KELLY</u> QC/Leader: <u>A. HENSON</u>
Topics: <u>BIRD BIRTH DEFECTS</u>	

Instructions: 3 INTERSECTION

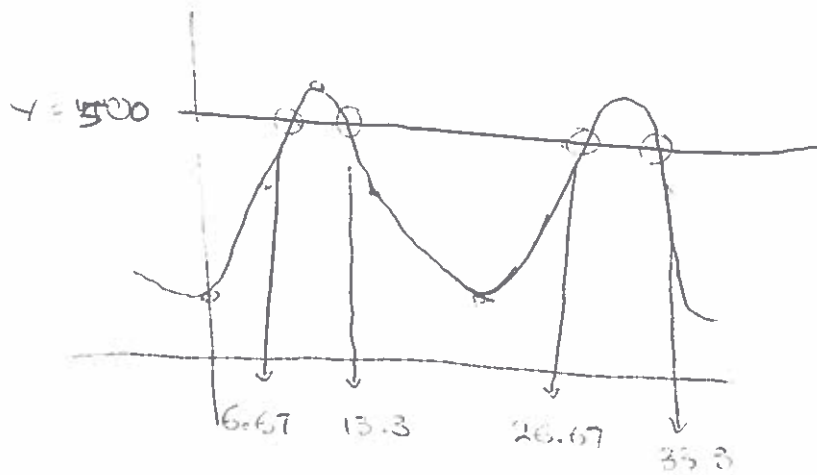
$x + 1 + 13$
 134
 50
 100
 100

INTERSECTION
BIRDS w' DEFECTS
Total
60-50
100

<p>GROUP NAME:</p> <p>Logo:</p>	<p>Student Names (First and Last)</p> <p>Speaker/Presenter: <u>Sharon Tsao</u></p>
<p>Date: <u>11/6/13</u></p> <p>Topics:</p>	<p>Writer/Prep: <u>Anik Kinnago</u></p> <p>QC/Leader: <u>Onur Turkan</u></p>

Instructions:

L_1	L_2
0	200
5	400
10	600
15	400
20	200



$y = 500$

Years passed ~~Share~~ ^{Share} value

The value of the share is \$500 at

6.67 yrs, 13.3 yrs, 26.67 yrs, 33.3 yrs