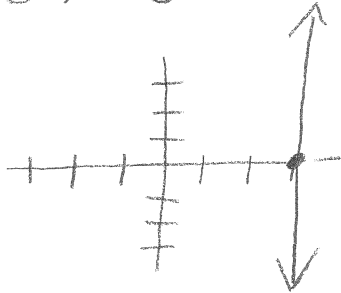


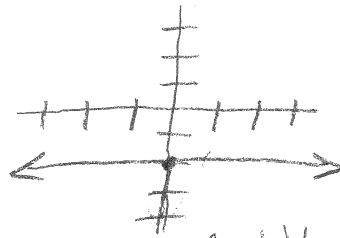
Alivia, Andrew, Edison, Kelsa

In class: p551 1, 3, 15, 72, 77, 85.
by hand

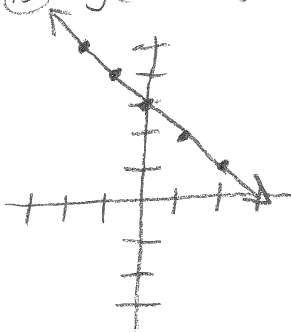
① $x = 3$



③ $y = -2$



⑤ $g(x) = -x + 3$



X	Y
2	1
1	2
0	3
-1	4
-2	5

$B = kW$
⑦ $B = W$ Brain weight proportional to person's body weight.

① $W = 12016$

$B = 316$

$f(w) = \frac{1}{40}W$

$\frac{12016}{316} = 40165$

② 2.5%

③ $f(1160) = 4$

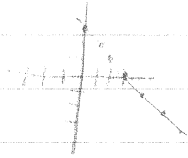
Carlin Morsley
Jan Small
Maggie Brance
Paul Newby

P51 1, 3, 5, 7, 9, 11

1. $\int_1^3 x^2 dx$

3. $\int_0^2 y^2 dy$

5. $-x^2 + y^2 = 1$



72. a) $f(10) = .005w$
b) 2.5% of body weight
c) 4 lbs

77. $V(t) = C \cdot t \left(\frac{C-t}{n} \right)$
 $5000 - t \left(\frac{5000 - 1000}{5} \right)$ $V(t) = 5000 - 512.5(t)$

$V(0) = 5000$

$V(1) = 4687.5$

$V(2) = 4175$

$V(3) = 3662.5$

$V(4) = 3150$

$V(5) = 1637.5$

$V(6) = 1125$

85. $\frac{3116 - 1873}{2006 - 1999}$

$\frac{1243}{7}$

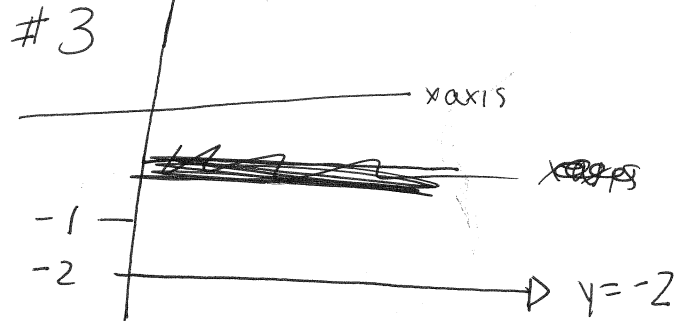
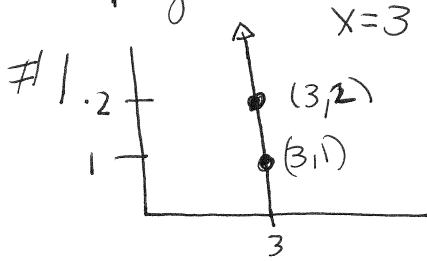
$y = 178x -$

Math 060

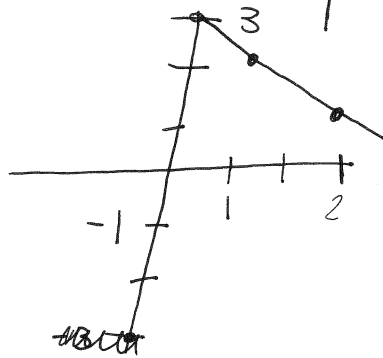
Jan 24.

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Tiana, Emily, Mitch



#15 slope = -1
y int = +3



#100

#72. $3 = m \cdot 120$ $3/120 = .025$

~~(x) = (m) + (b)~~

a) ~~2000~~ $B = .025 \cdot 160$

b) 2.5%

c) $B = 2.5\% \times 160$
 $B = 4 \text{ lbs}$

#77: a) $v(t) = 5200 - t \left(\frac{5200 - 1100}{8} \right) = 5200 - 512.5t$

year	0	1	2	3	4	7	8
Values \$	5200	4687.5	4175	3662.5	3150	2000 1162.5	1100

years	#
0	1873
7	3116

$$\frac{\cancel{200} \quad 3116 - 1873}{7} = 177.6 \text{ slope}$$

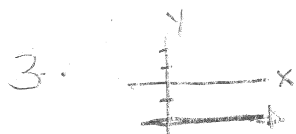
#85

a) $f(x) = 1873 + 177.6x$

b) $f(1) = 1873 + 177.6(1) = \cancel{200} 2050.6$ manatees

c) NO.

Craig, M0, Simpson's rule

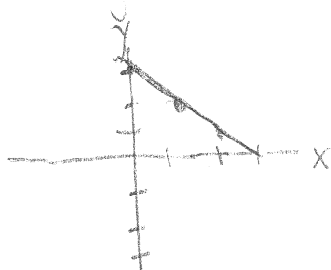


65. a. 177.57

b. 2051

c. NO

15. $g(x) = -x + 3$



72. $120 = 3M$

a. $120 = 3(40)$

b. 2.5%

c. $100 = 40x$

$40 = 3x$

$x = 400$

77.

$$5200 - t \left(\frac{5200 - 1100}{8} \right) = 512.5$$

$$5,200 - t(512.5)$$

0	5200
1	4687.5
2	4175
3	3662.5
4	3150
7	1612.5
8	1100

