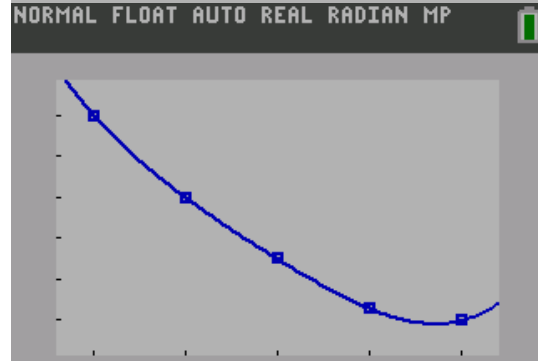


Months vs. Drug Potency in mg.

| L1 | L2 | L3 | L4 | L5 | 2 |
|----|-------|-------|-------|-------|---|
| 1 | 105 | ----- | ----- | ----- | |
| 2 | 103 | | | | |
| 3 | 101.5 | | | | |
| 4 | 100.3 | | | | |
| 5 | 100 | | | | |

QuarticReg
 $y = ax^4 + bx^3 + \dots + e$
 $a = .0333333333$
 $b = -.3666666667$
 $c = 1.616666667$
 $d = -4.783333333$
 $e = 108.5$
 $R^2 = 1$

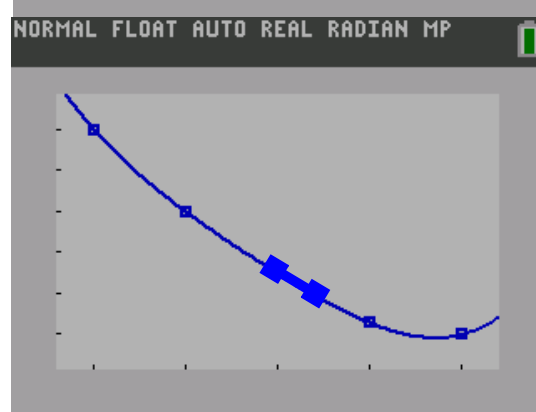
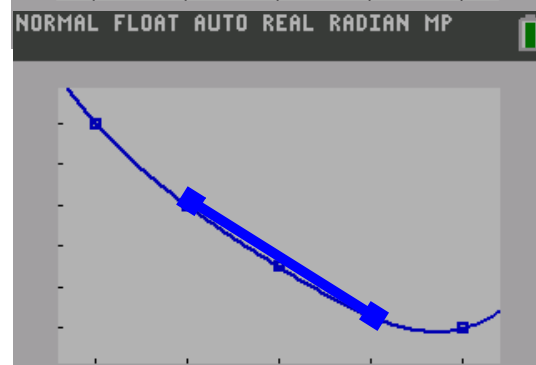
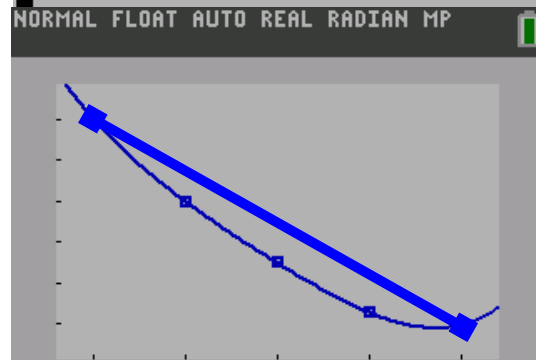


| X | Y1 | Y2 | Y3 |
|-----|--------|--------|--------|
| 1 | 105 | -2.517 | 1.4333 |
| 1.5 | 103.89 | -1.958 | .83334 |
| 2 | 103 | -1.65 | .43334 |
| 2.5 | 102.22 | -1.492 | .23334 |
| 3 | 101.5 | -1.383 | .23334 |
| 3.5 | 100.84 | -1.225 | .43334 |
| 4 | 100.3 | -.9167 | .83334 |
| 4.5 | 99.969 | -.3583 | 1.4333 |
| 5 | 100 | .55 | 2.2333 |
| 5.5 | 100.59 | 1.9083 | 3.2333 |
| 6 | 102 | 3.8167 | 4.4333 |

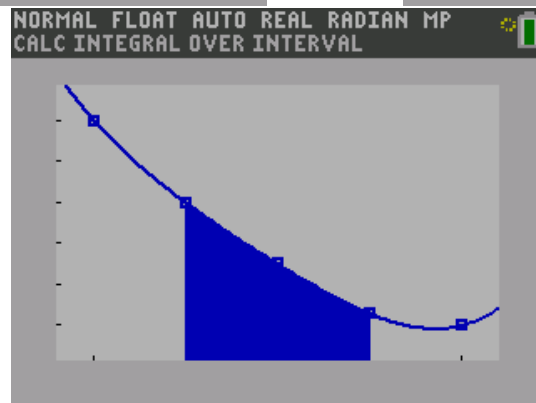
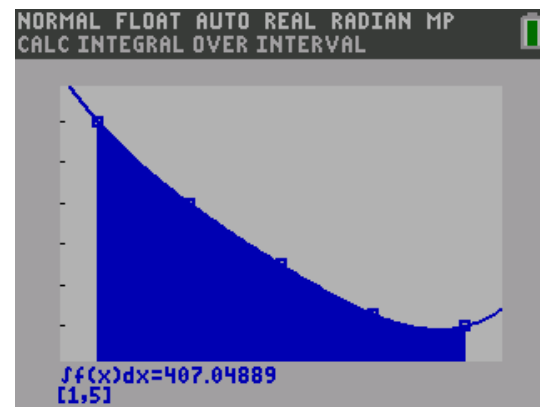
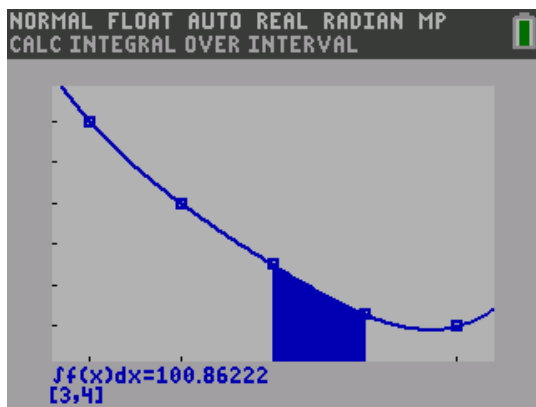
| X | Y1 | Y4 | Y5 |
|-----|--------|--------|--------|
| 1 | 105 | -.1258 | -.1198 |
| 1.5 | 103.89 | -.0979 | -.0942 |
| 2 | 103 | -.0825 | -.0801 |
| 2.5 | 102.22 | -.0746 | -.073 |
| 3 | 101.5 | -.0692 | -.0681 |
| 3.5 | 100.84 | -.0612 | -.0607 |
| 4 | 100.3 | -.0458 | -.0457 |
| 4.5 | 99.969 | -.0179 | -.0179 |
| 5 | 100 | .0275 | .0275 |
| 5.5 | 100.59 | .09542 | .09485 |
| 6 | 102 | .19083 | .18709 |

X=1

$(Y_1(5) - Y_1(1)) / (5 - 1) = -1.25$
 $(Y_1(4) - Y_1(2)) / (4 - 2) = -1.35$
 $(Y_1(3.5) - Y_1(3)) / (3.5 - 3) = -1.3125$



Mos v mg



Mos v mg

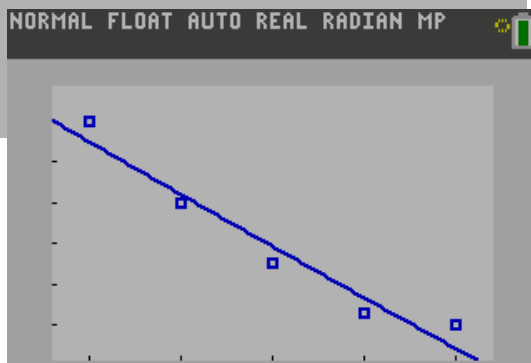
NORMAL FLOAT AUTO REAL RADIAN MP

| L1 | L2 | L3 | L4 | L5 | 2 |
|----|-------|-------|-------|-------|---|
| 1 | 105 | ----- | ----- | ----- | |
| 2 | 103 | | | | |
| 3 | 101.5 | | | | |
| 4 | 100.3 | | | | |
| 5 | 100 | | | | |

NORMAL FLOAT AUTO REAL RADIAN MP

ExpReg

$y = a * b^x$
 $a = 105.811572$
 $b = .9876623781$
 $r^2 = .9439442218$
 $r = -.9715679193$



NORMAL FLOAT AUTO REAL RADIAN MP
PRESS + FOR ΔTb1

| X | Y1 | Y2 | Y3 |
|-----|--------|--------|--------|
| 1 | 104.51 | -1.297 | .01611 |
| 1.5 | 103.86 | -1.289 | .01601 |
| 2 | 103.22 | -1.281 | .01591 |
| 2.5 | 102.58 | -1.273 | .01581 |
| 3 | 101.94 | -1.266 | .01571 |
| 3.5 | 101.31 | -1.258 | .01561 |
| 4 | 100.69 | -1.25 | .01552 |
| 4.5 | 100.06 | -1.242 | .01542 |
| 5 | 99.443 | -1.235 | .01533 |
| 5.5 | 98.828 | -1.227 | .01523 |
| 6 | 98.216 | -1.219 | .01514 |

NORMAL FLOAT AUTO REAL RADIAN MP
PRESS + FOR ΔTb1

| X | Y1 | Y4 | Y5 |
|-----|--------|--------|--------|
| 1 | 104.51 | -.0649 | -.0621 |
| 1.5 | 103.86 | -.0645 | -.0621 |
| 2 | 103.22 | -.0641 | -.0621 |
| 2.5 | 102.58 | -.0637 | -.0621 |
| 3 | 101.94 | -.0633 | -.0621 |
| 3.5 | 101.31 | -.0629 | -.0621 |
| 4 | 100.69 | -.0625 | -.0621 |
| 4.5 | 100.06 | -.0621 | -.0621 |
| 5 | 99.443 | -.0617 | -.0621 |
| 5.5 | 98.828 | -.0613 | -.0621 |
| 6 | 98.216 | -.061 | -.0621 |

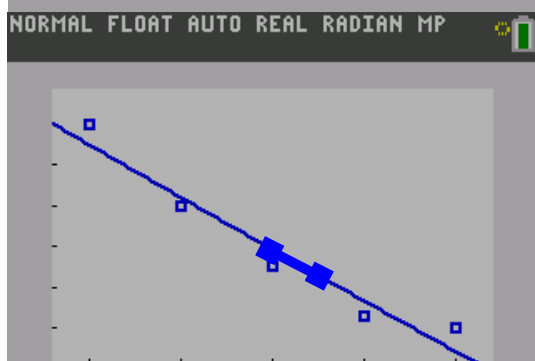
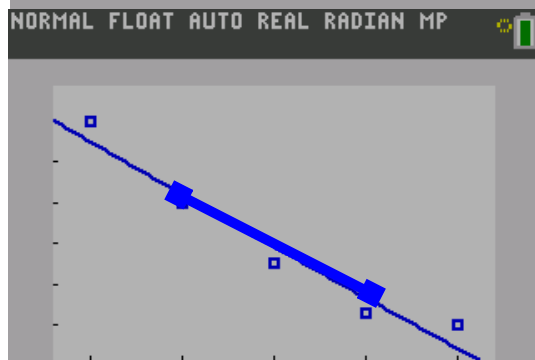
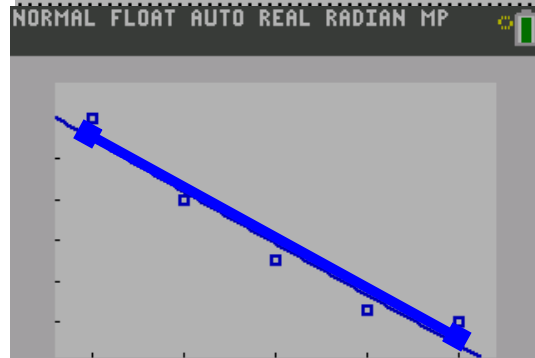
X=1

NORMAL FLOAT AUTO REAL RADIAN MP

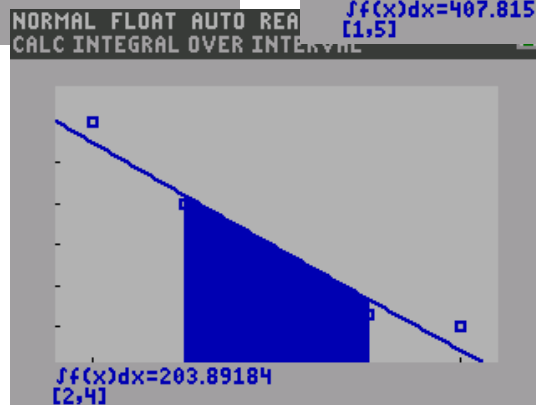
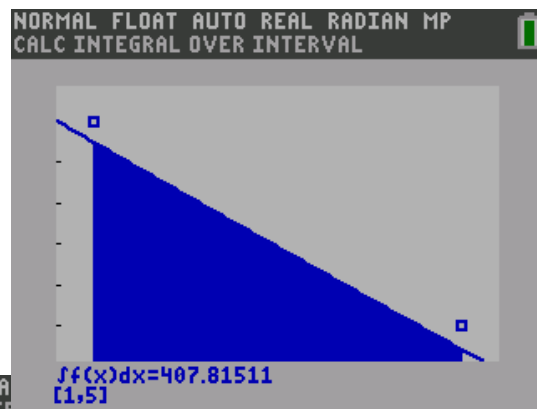
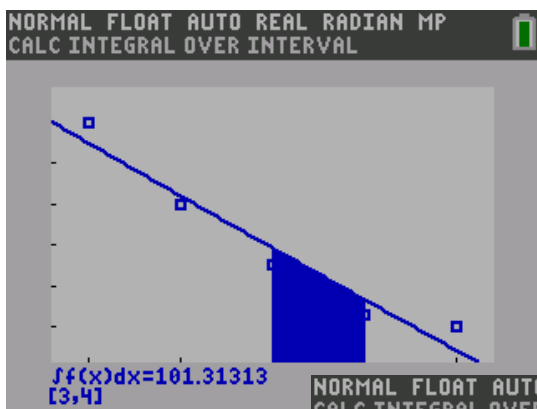
$$\frac{(Y_1(5) - Y_1(1))}{(5 - 1)} = -1.265691114$$

$$\frac{(Y_1(4) - Y_1(2))}{(4 - 2)} = -1.265593588$$

$$\frac{(Y_1(3.5) - Y_1(3))}{(3.5 - 3)} = -1.261641411$$



Mos v mg



Mos v mg