Hours Studying v. Test Grade

NORMAL FLOAT AUTO REAL RADIAN MP

L1	L2	L3	L4	L5	2
3	20	------	------	------	
9	60				
12	75				
20	88				
25	95				

NORMAL FLOAT AUTO REAL RADIAN MP

QuarticReg

$y=ax^4+bx^3+\ldots+e$

a=.0011476949

b=-.0576534577

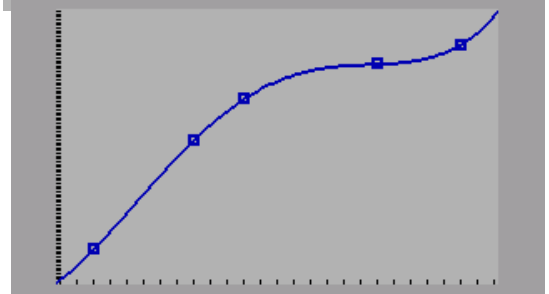
c=.7336813649

d=3.368434344

e=4.755244755

$R^2=1$

NORMAL FLOAT AUTO REAL RADIAN MP



NORMAL FLOAT AUTO REAL RADIAN MP
PRESS + FOR △Tbl

X	Y1	Y2	Y3
-5	14.179	-8.866	3.5413
0	4.7552	3.3684	1.4674
5	33.45	6.9551	.08207
10	65.631	5.3368	-.6146
15	83.882	1.9567	-.6227
20	88	.25778	.05789
25	95	3.6832	1.4271
30	139.11	15.676	3.4849
35	271.78	39.679	6.2313
40	561.66	79.136	9.6663
45	1094.6	137.49	13.79

NORMAL FLOAT AUTO REAL RADIAN MP
PRESS + FOR △Tbl

X	Y1	Y4	Y5
-5	14.179	-4.433	-31.27
0	4.7552	1.6842	35.418
5	33.45	3.4775	10.396
10	65.631	2.6684	4.0658
15	83.882	.97834	1.1663
20	88	.12889	.14646
25	95	1.8416	1.9385
30	139.11	7.838	5.6344
35	271.78	19.84	7.3
40	561.66	39.568	7.0448
45	1094.6	68.745	6.2802

X=-5

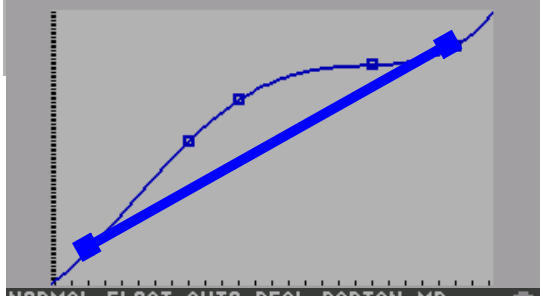
NORMAL FLOAT AUTO REAL RADIAN MP

(Y1(25)-Y1(3))/(25-3)
3.409090909

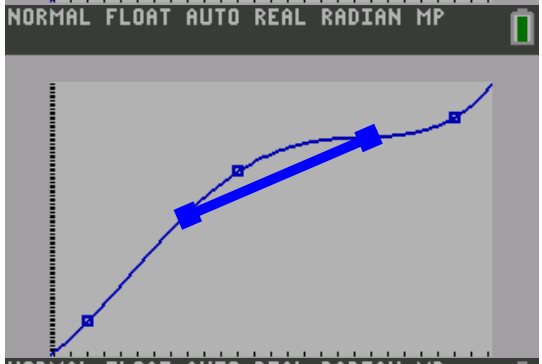
(Y1(20)-Y1(9))/(20-9)
2.545454545

(Y1(12)-Y1(12.5))/(12-12.5
3.827745605

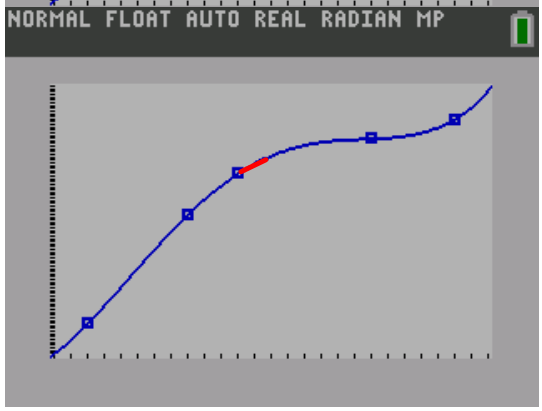
NORMAL FLOAT AUTO REAL RADIAN MP



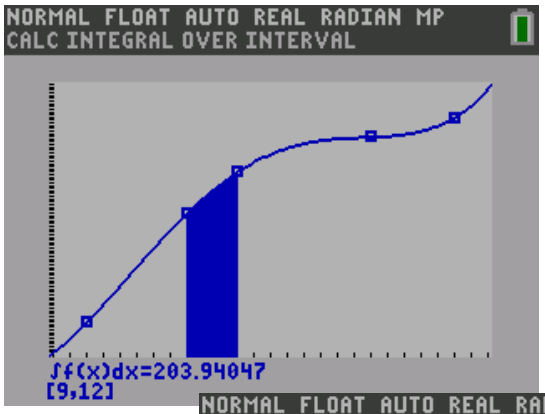
NORMAL FLOAT AUTO REAL RADIAN MP

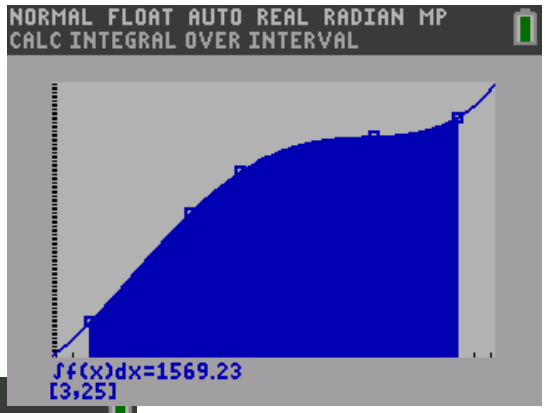


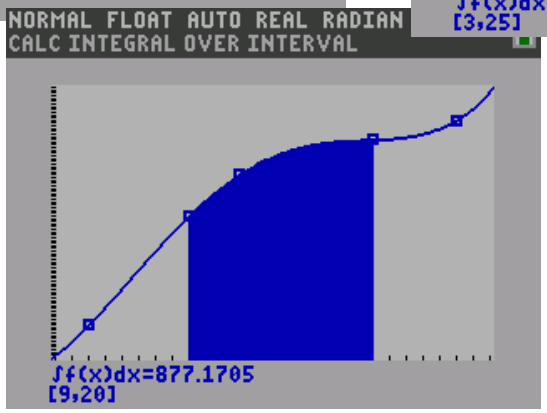
NORMAL FLOAT AUTO REAL RADIAN MP



Hrs v Grade


NORMAL FLOAT AUTO REAL RADIAN MP
CALC INTEGRAL OVER INTERVAL
∫f(x)dx=203.94047
[9,12]


NORMAL FLOAT AUTO REAL RADIAN MP
CALC INTEGRAL OVER INTERVAL
∫f(x)dx=1569.23
[3,25]


NORMAL FLOAT AUTO REAL RADIAN
CALC INTEGRAL OVER INTERVAL
∫f(x)dx=877.1705
[9,20]

Hrs v Grade

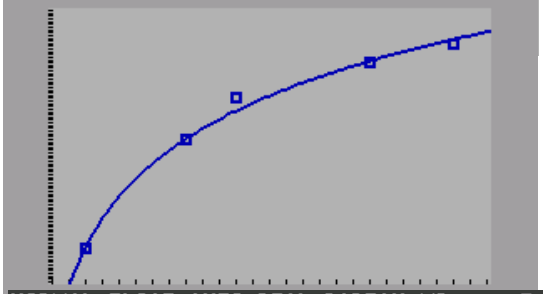
NORMAL FLOAT AUTO REAL RADIAN MP

L1	L2	L3	L4	L5	2
3	20	------	------	------	
9	60				
12	75				
20	88				
25	95				
------	------				

NORMAL FLOAT AUTO REAL RADIAN MP

LnReg
y=a+blnx
a=-17.96867575
b=35.66743123
r²=.993053979
r=.9965209376

NORMAL FLOAT AUTO REAL RADIAN MP



NORMAL FLOAT AUTO REAL RADIAN MP
PRESS + FOR △Tbl

X	Y1	Y2	Y3
-5	ERROR	ERROR	ERROR
0	ERROR	ERROR	ERROR
5	39.436	7.1335	-1.427
10	64.159	3.5667	-.3567
15	78.621	2.3778	-.1585
20	88.881	1.7834	-.0892
25	96.84	1.4267	-.0571
30	103.34	1.1889	-.0396
35	108.84	1.0191	-.0291
40	113.6	.89169	-.0223
45	117.81	.79261	-.0176

NORMAL FLOAT AUTO REAL RADIAN MP
PRESS + FOR △Tbl

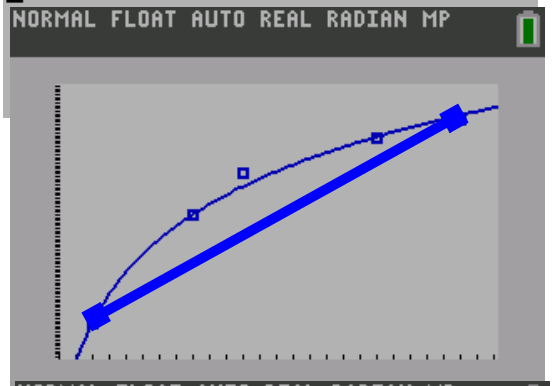
X	Y1	Y4	Y5
-5	ERROR	ERROR	ERROR
0	ERROR	ERROR	ERROR
5	39.436	3.5667	9.0444
10	64.159	1.7834	2.7796
15	78.621	1.1889	1.5122
20	88.881	.89169	1.0032
25	96.84	.71335	.73662
30	103.34	.59446	.57523
35	108.84	.50953	.46814
40	113.6	.44584	.39245
45	117.81	.3963	.33641

X=-5

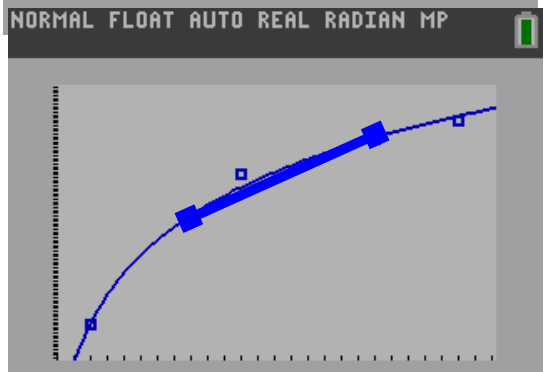
NORMAL FLOAT AUTO REAL RADIAN MP

(Y1(25)-Y1(3))/(25-3)
3.43747063
(Y1(20)-Y1(9))/(20-9)
2.589156213
(Y1(12)-Y1(12.5))/(12-12.5
2.912031364

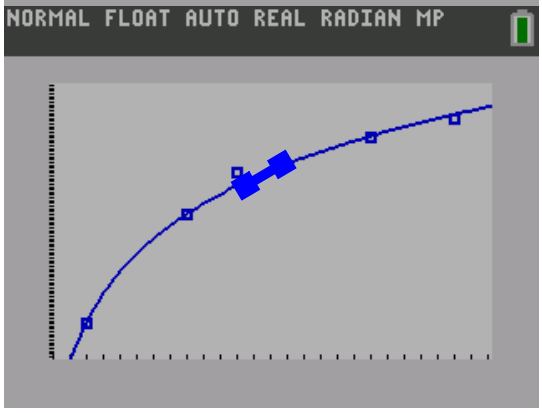
NORMAL FLOAT AUTO REAL RADIAN MP



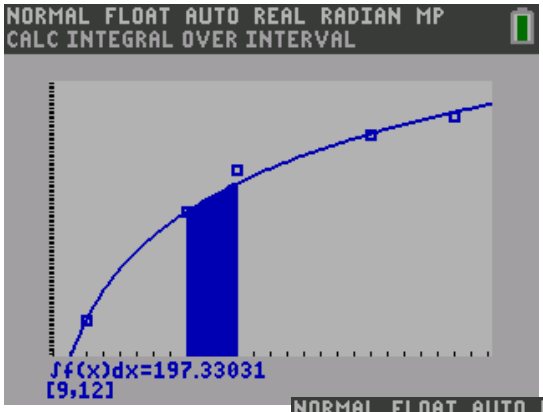
NORMAL FLOAT AUTO REAL RADIAN MP

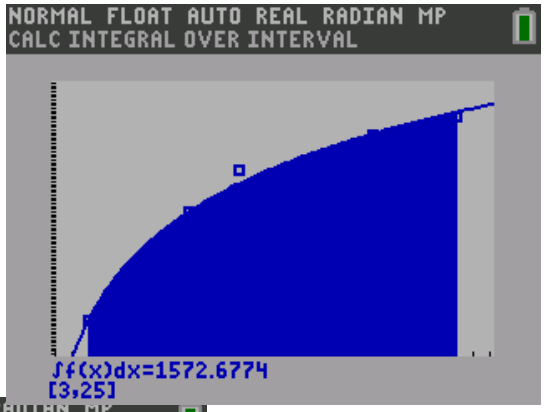


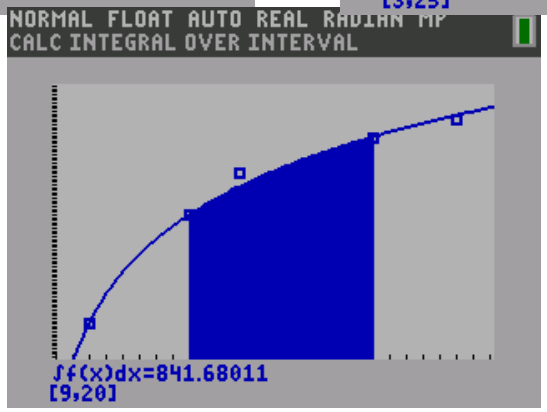
NORMAL FLOAT AUTO REAL RADIAN MP



Hrs v Grade


NORMAL FLOAT AUTO REAL RADIAN MP
CALC INTEGRAL OVER INTERVAL
∫f(x)dx=197.33031
[9,12]


NORMAL FLOAT AUTO REAL RADIAN MP
CALC INTEGRAL OVER INTERVAL
∫f(x)dx=1572.6774
[3,25]


NORMAL FLOAT AUTO REAL RADIAN MP
CALC INTEGRAL OVER INTERVAL
∫f(x)dx=841.68011
[9,20]