212 Acceleration Lab TI84

L1 = Dots
L2 = Distance traveled from start (Meters)
L3 = Time transpired (L1/60)
L4 = Average Velocity (L2/L3)
L5 = Final Velocity (L4*2)

Graph
X = L3
Y = L5

L1	L2
5	.0212
10	.0846
15	.1905
20	.339
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L1	L2	L3	1
5	.0212	.08333	
10	.0846	.16667	
15	.1905	.25	
20	.339	.33333	
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L4	L5
.2544	.5088
.5076	1.0152
.762	1.524
1.017	2.034
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```
LinReg(ax+b)
Xlist:L₃
Ylist:L₅
FreqList:
Store RegEQ:Y₁▓
Calculate
```

```
LinReg
y=ax+b
a=6.10128
b=-6E-4
r²=.9999974376
r=.9999987188
```