202D Rolling Table (using a TI calculator)

A ball is rolling down a ramp at the constant acceleration of 2.0m/s^2. Find out the velocity, and distance traveled every second for 8 seconds

ON THE BACK

1. Graph Time vs Velocity (L1 vs L2)
   a. *LinReg (ax+b)*
   b. *Include equation*
2. Graph Time vs Distance (L1 vs L3)
   a. *QuadReg* equation
   b. *Include equation on graph*

ATTENTION!

Instead of g=10m/s^2

You will use acceleration a=2.0m/s^2

Time sec	Velocity V =at	Distance traveled =½ a t^2
0		
1		
2		
3		
4		
5		
6		
7		
8		