

$$s = \frac{1}{2} g t^2$$

words and music by Tom Lehrer (tune: "Te Amo")

PROFESSOR: s is one half g t squared
 p v equals n r t
 K E is one half m v squared
 And T is 2 π times the square root of L over g.

STUDENT: I try my level best,
 And I cram for ev'ry test,
 And I do all my work without delaying.
 I'm certainly not lazy,
 But I think I'll soon go crazy,
 'Cause I don't understand a word he's saying.
 I hope they overlook this course,
 For why I ever took this course
 Will always be a mystery to me.
 But still I wish I knew
 Just what the dean will do
 If I don't get a C.

PROFESSOR:

STUDENT:

The force is mass
 Times acceleration.
 Yes, the force is the mass
 Times the acceleration, or more
 precisely, the time derivative
 of the linear momentum.

I think he said the force,
 I know that word, of course,
 It's all becoming clear,
 But it's too late, I fear.

There he goes again!

s is one half g t squared
 p v equals n r t
 K E is one half m v squared
 And T is 2 π times the square
 root of L over g.

I try my level best, and I cram for ev'ry test,
 I'm certainly not lazy, but I think I'll soon go crazy,
 'Cause I don't understand a word he's saying.
 I hope they overlook this course,
 For why I ever took this course
 Will always be a mystery to me.
 But still I wish I knew just what the dean will do
 If I don't get a C.

Over g

a C

Over g

a C

Square root of L by g.

If I don't get a C.