Children of Newton

Controlled by Illuminati:

Telegraph, sender unknown:

Begin Coded Message:

We have the Mathematicians STOP All signs point to favorable conditions STOP The Mission is a go, I repeat, the Mission is a go STOP The Mathematicians are on board STOP The dolphins are out of the loop STOP Valkyrie is out of commission STOP Mama has gone to nest STOP

This message will self-destruct in 3, 2, 1…

Control Einstein’s Followers:

From the Diary of Professor Phineus Cocklebottom

Got the chance to chat to those Einstein fellows. Capital chaps. Can’t speak highly enough.

V\_e=V-v\_e

Solving yields:

P\_2-P\_1=m\Delta V-v\_e\Delta m\,

and, using dm=-\Delta m, since ejecting a positive \Delta m results in a decrease in mass,

\sum F\_i=m\frac{dV}{dt}+v\_e\frac{dm}{dt}

If there are no external forces then \sum F\_i=0 (conservation of linear momentum) and

m\frac{dV}{dt}=-v\_e\frac{dm}{dt}

Assuming v\_e\, is constant, this may be integrated to yield:

\Delta V\ = v\_e \ln \frac {m\_0} {m\_1}

or equivalently

m\_1=m\_0 e^{-\Delta V\ / v\_e} or m\_0=m\_1 e^{\Delta V\ / v\_e} or m\_0 - m\_1=m\_1 (e^{\Delta V\ / v\_e} - 1)

Controlled by Amon-Ra:

The following message arrived by carrier pigeon at the Temple of Amon-Ra, Illinois Chapter, yesterday at 3:15a.m:

We have deciphered the fourth papyrus. It appears the ancient Egyptians, specifically the followers of the great and glorious ra, used a base 32 system for calculations. All chapters are forthwith ordered to adopt this system.

Signed and sealed

The most holy Mortimer

High priest of the realm

Great and grand ankh

Cairo

Controls Abbey of Thelema:

Horoscope, Capricorn, 13.7.1921

Today is not a good day to be summoning spirits or meddling in things you don’t understand, Capricorn. The transit of Pluto into Aries bodes ill for any new endeavors and indicates slim chances of success in leadership. Doom is at hand.

Love horoscope: Best to forget about it, honestly. This just isn’t your day.