Zackary Direen

Y = =

Z = =

V =

Acceleration =

A=

e to the power of t = -e to the derivative of t times e to the power of t

X =

-e to the power of -1 = -1 to the power of 1 x –e to the power of –t

X =

Y= -

A =

the square root of -e to the power of negative 1 squared + -6cos(0) squared + squared

M =

Magnitude of velocity = the square root of -e to the power of negative 1 squared + -18cos(0) squared + 18sin(0) squared