fx SOLVER

1.

$$\Delta_v = v_e \cdot \ln\left(\frac{m_0}{m_1}\right)$$

		value	units	link	description
Δ_v	=	**8814.78318123**	**m/sec**		**Maximum change of velocity (dimensionless)**
v_e	=	3738	m/sec		Effective exhaust velocity (dimensionless)
m_0	=	74000	kg		Initial total mass (including propellant) - "wet mass" (dimensionless)
m_1	=	7000	kg		Final total mass - "dry mass" (dimensionless)