Adam Stammer

Homework Problem #1

$$\frac{C_1 m_1 m_2}{R^2} \rightarrow Vg = \frac{Gm_1 m_2}{R}$$

$$M_{E} = (0 \times 10^{24})$$
 $M_{m} = 7.35 \times 10^{22}$ $M_{R} = 365 kg$

Radius Found in Pravious Momentork

15 2,000,000 km/s Way too Fast!

And my equation doesn't account for the mass of the rocket (it canceled out) when it very much Should!

Adam Stammer Homework Problem 3

ASSUMING FOLK OF MOSS 1kg. 1 2 = GMmMz As the distance sought increases, the 1 (1) v2 = G7.35×10 ×1 velocity needed

1 (1) v2 = 38381 Lecreases? I don't think V = \(\frac{2 \text{Gi7.35 \text{\lo}^{22}}{38381} \text{\left} I'm Missing V= 15874.0876 some thing 15874km/s nere. That seems very very fast to me.