21-P-MOM-GD-001

Am ky carron ball is fired straight up in the air. The carron ball leaves the barrel at y m/s. What is the impulse exerted on the carron ball by the explosive charge? If the charge exerts a constant force of F N while exploding, what is the doraction of the charge?

(Ignore impulse from growity)

given M, V, V2, F find J, t

I mpulse and Momentum

 $M_1 + J = M_2$

$$J = MV_2$$

