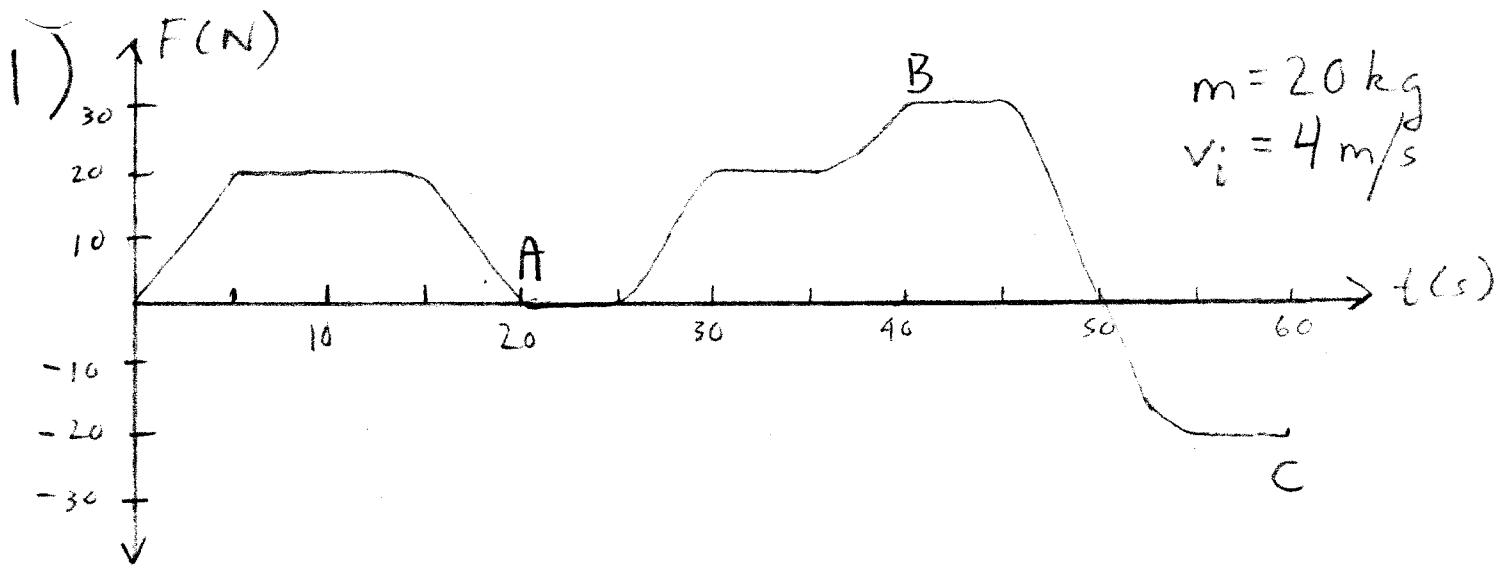
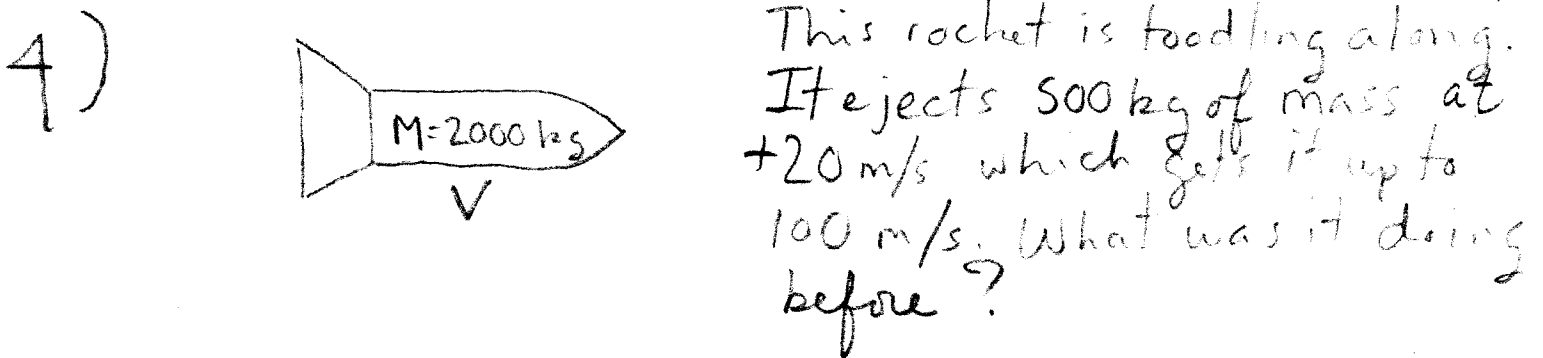
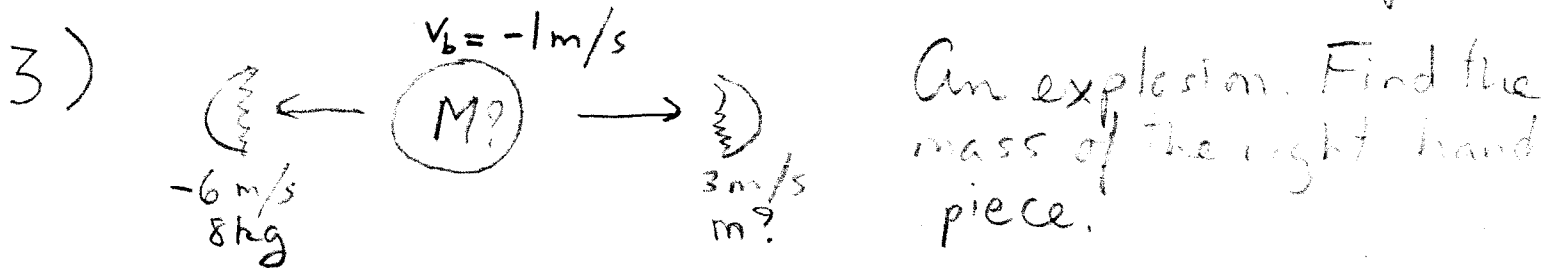
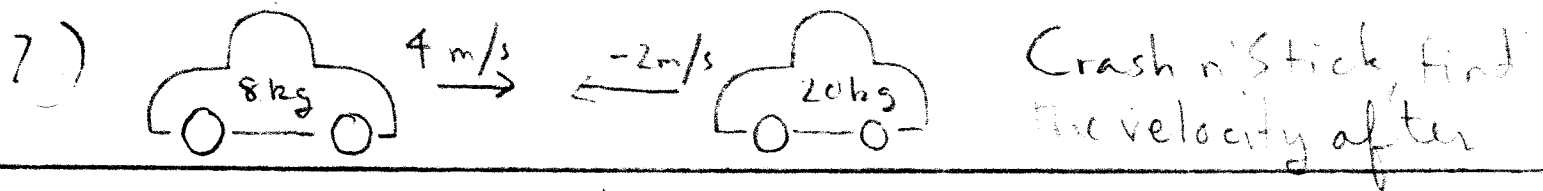


MOMENTUM REVIEW PROBLEMS

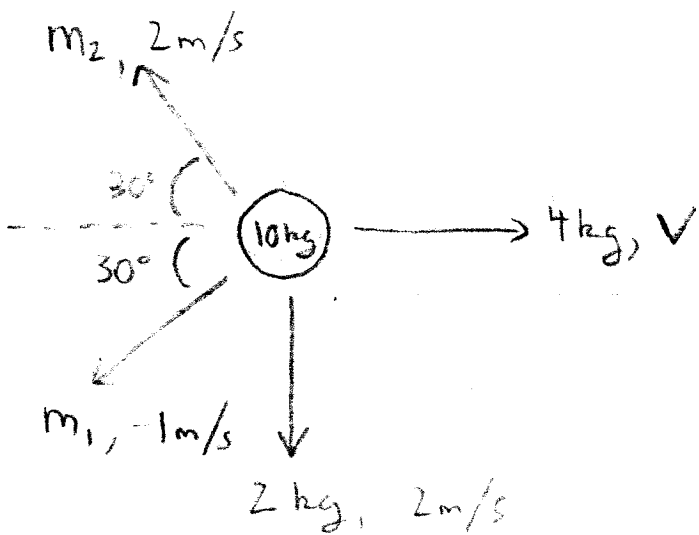


Find the velocity of this object at A, B, C



ANS: 1) A) 19 m/s B) 44 m/s C) 37 m/s 2) -0.28 m/s 3) 10 kg 4) 80 m/s

Additional LI problem



Find the two unknown masses and velocity.
Before the explosion, a 10 kg object is at rest.

Ans: $m_1 = 0$
 $m_2 = 4\text{ kg}$
 $v = 1.73\text{ m/s}$