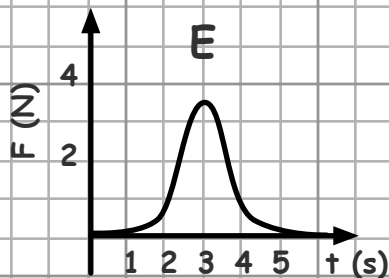
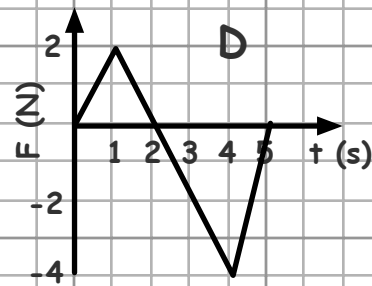
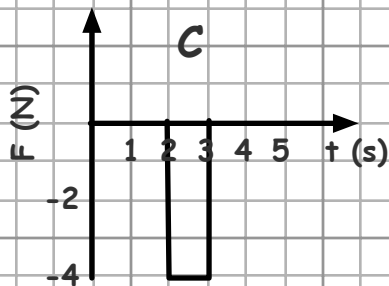
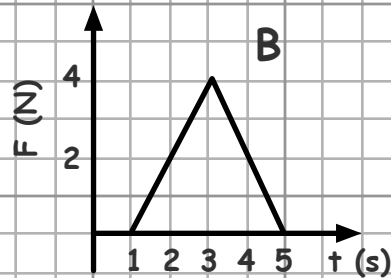
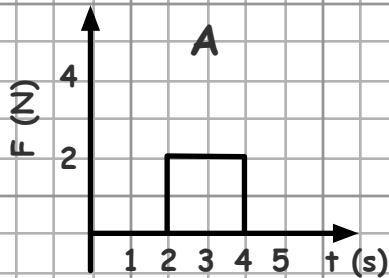


Chapter 7 Assignment 2
Impulse as integral

Name _____

Here are four graphs that show how the force exerted in the x-direction on a 0.50 kg cart varies with time in four different trials. In each case the cart has an initial velocity of +1.0 m/s in the x-direction. Find the final velocity of the cart in each case.



- A. $I =$ _____ ; $\Delta p =$ _____ ; $p_f =$ _____ ; $v_f =$ _____
- B. $I =$ _____ ; $\Delta p =$ _____ ; $p_f =$ _____ ; $v_f =$ _____
- C. $I =$ _____ ; $\Delta p =$ _____ ; $p_f =$ _____ ; $v_f =$ _____
- D. $I =$ _____ ; $\Delta p =$ _____ ; $p_f =$ _____ ; $v_f =$ _____
- E. $I =$ _____ ; $\Delta p =$ _____ ; $p_f =$ _____ ; $v_f =$ _____