

- **You raise a book to a certain height, at a constant velocity. The work that you do to the book, the work that the gravity does to the book, and the net work that the book receives are, respectively:**

- A. Zero, Zero, Zero
- B. Positive, Positive, Positive
- C. Positive, Negative, Zero
- D. Negative, Positive, Zero
- E. Negative, Negative, Negative

- **On a level ground, you drag a heavy bag at a constant velocity. There is frictional force between the bag and the ground. The work that you do to the bag, the work that the ground do to the bag, and the net work that the bag receives are, respectively:**

- A. Zero, Zero, Zero
- B. Positive, Positive, Positive
- C. Positive, Negative, Zero
- D. Negative, Positive, Zero
- E. Negative, Negative, Negative

- You carry a soccer ball at a constant speed. You kick a stationary soccer ball, starting it flying through the air. The ball rolls on the ground, coming to a halt. The net work done on the ball in each case is:

- A. Zero, Zero, Zero
- B. Zero, Positive, Negative
- C. Zero, Negative, Positive
- D. Positive, Positive, Positive
- E. Negative, Negative, Negative