

Objective Test Taking Questions for Forces and Motion Activity 1:
Predicting speed and direction when an external force is applied

- 1) A crate is sliding on the floor. If there is a total force acting on the crate in the same direction as it is sliding, the crate would
 - a. slow down
 - b. speed up
 - c. remain at same speed
 - d. slow down, change direction and then speed up going the other way
 - e. remain at same speed, but change direction

- 2) A file cabinet is moving to the left. If there is a total force acting to the right, the cabinet would
 - a. slow down
 - b. speed up
 - c. remain at same speed
 - d. slow down, change direction and then speed up going right
 - e. remain at same speed, but change direction

- 3) A refrigerator is moving to the right. If there is a total force equal to zero acting on it, the refrigerator would
 - a. slow down
 - b. speed up
 - c. remain at same speed
 - d. slow down, change direction and then speed up going the other way
 - e. remain at same speed, but change direction