

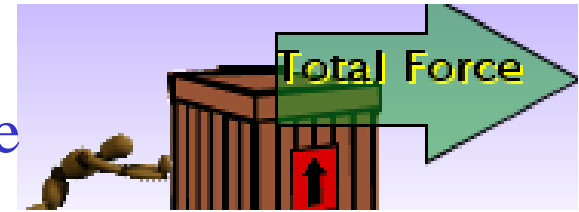
Clicker questions for Forces 1D

Activity 1



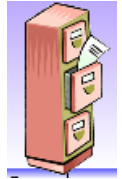
Crate was moving to
the right

Then, the guy
pushed the crate



1. If the **total force** acts in the same direction as the crate is sliding, the crate

- A. slows down
- B. speeds up
- C. remains at same speed
- D. slows down, changes direction and then speeds up going the other way
- E. remains at same speed, but changes direction



Cabinet was moving
to the left

Then, the guy
pushed the cabinet



2. If the **total force** acts in the opposite direction as the cabinet is sliding, the cabinet 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



Refrigerator was moving to the right

Then, the guy pushed the refrigerator



3. If there is **zero total force** acting on on the refrigerator, 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