Read 4.3

- LP 2
  Clickers on D2L please make sure scores correct
  Exam 1

Exam 1 solutions class web page

If you missed group yesterday
8:30 - 9:20 section
print out group problem, solve it
and hand it in to your TA

Interactive Question

D

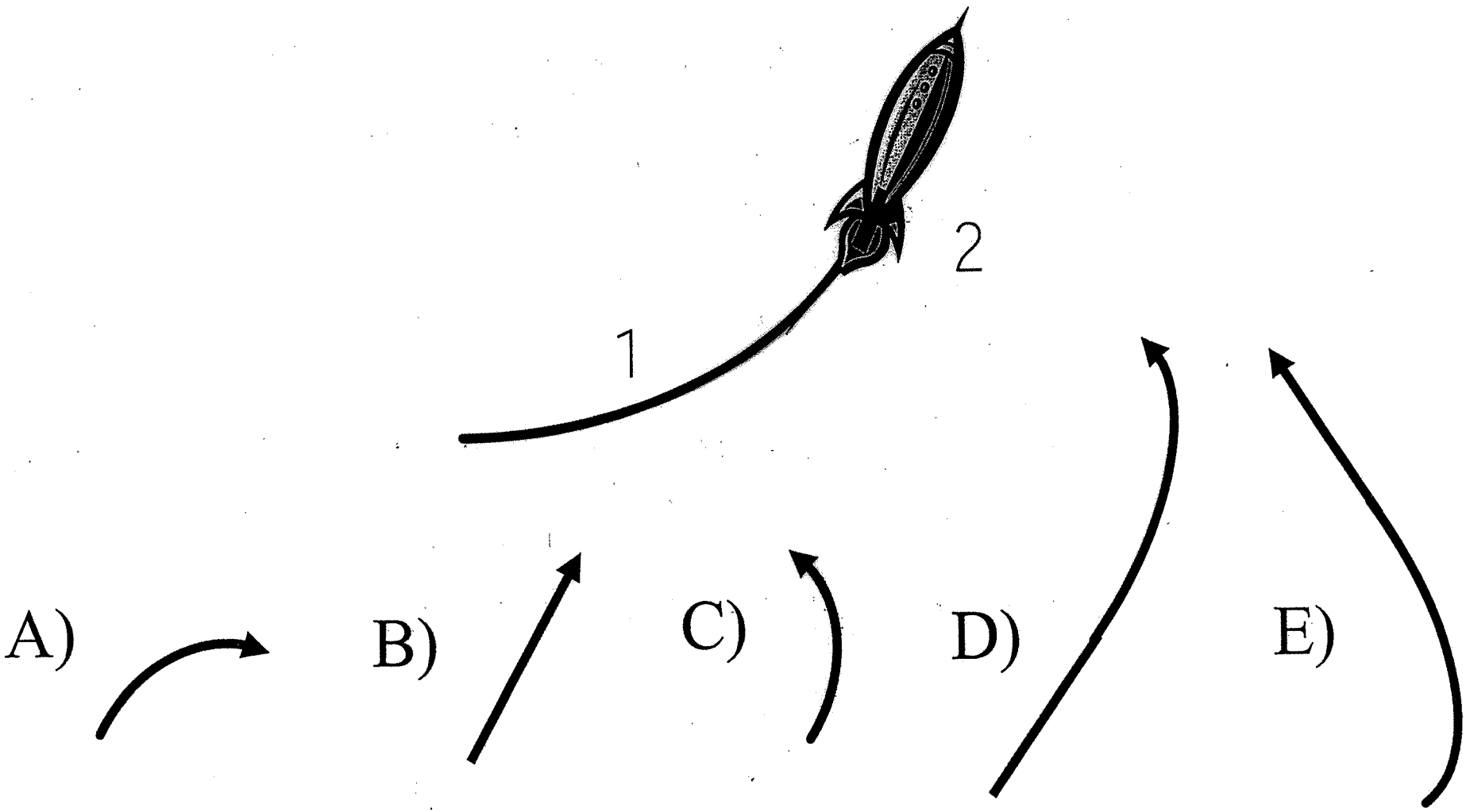
When the rocket engines of a starship are suddenly turned off, while traveling in empty space far from any stars or planets, the starship will

A) stop immediately
B) slowly slow down, and then stop
C) go faster and faster
D) move with a constant velocity

Interactive Question

B

A rocket ship in space has its engines firing and is following path 1. At point 2, the engines shut off. Which path does the rocket ship follow?



Interactive Question

B

You are driving your car down a straight road at a constant velocity of 65 mph. What can you conclude about the forces acting on your car?

A) The forces acting to make the car go in the forward direction must be greater than the forces acting to make the car go in the backward direction, or the car would not go forward.

B) The forces acting to make the car go in the forward direction must be equal to the forces acting to make the car go in the backward direction.

C) There are no forces acting on the car at a constant velocity

D) There is not enough information to say anything.

Interactive Question

If a single non-zero force is acting on an object, what kind of motion is *not* allowed?

A) The object could be speeding up.
B) The object could be slowing down.
C) The object could be at moving at a constant velocity.
D) The object could be turning.
E) None of the above. They are all allowed

Interactive Question

B

A box has two forces acting on it as shown by the arrows which have the same length and point in opposite directions. What can you say about the motion of this box?

A) It is definitely not moving

B) It may be moving at a constant velocity or stationary

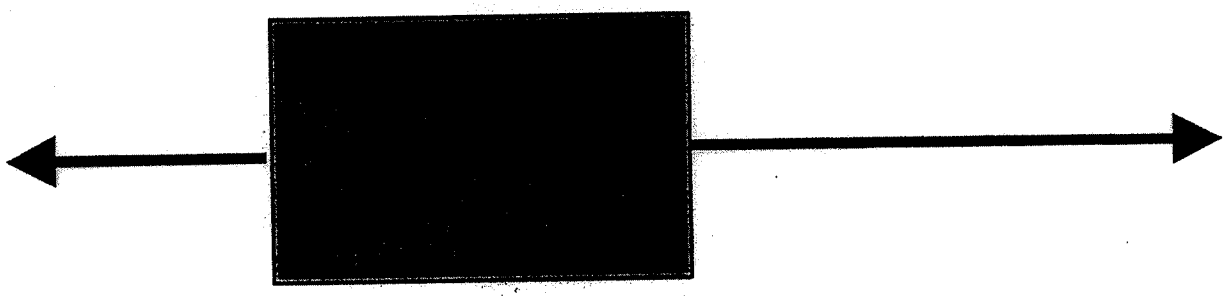
C) It may be accelerating

D) Not enough information is given

Interactive Question

E

A box has two forces acting on it as shown by the arrows which have the different lengths and point in opposite directions. What can you say about the motion of this box?



A) It is definitely not moving

B) It is definitely moving to the right

C) It may be moving at a constant velocity or stationary

D) It may be accelerating but not necessarily

E) It is definitely accelerating