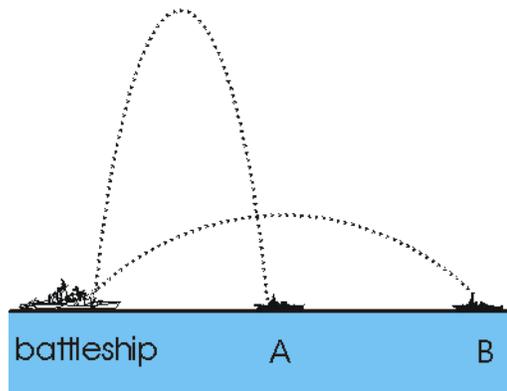


A battleship fires shells with the same initial speed. It simultaneously fires two shells at enemy ships. If the shells follow the parabolic trajectories shown, which ship gets hit first?

- A. Ship A
- B. Ship B**
- C. They are hit at the same time

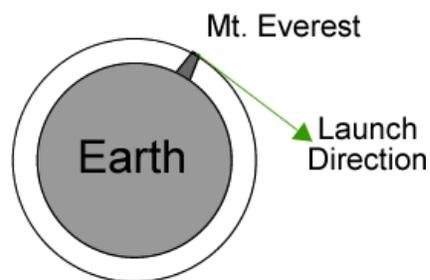


2

A Ball is Thrown Horizontally From the Top of Mt. Everest

Assume there is no air resistance and the ball follows the path shown. The ball's acceleration:

- A. Is much less than g
- B. Is approximately g**
- C. Is much greater than g
- D. Depends on the ball's speed



2