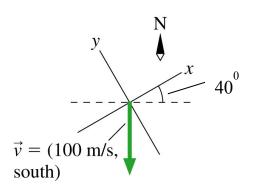
QUIZ 4 Blue, PHY 191 B, Friday, Sep 23, 2016 (15 pts) [see both sides of sheet!]

Question 1: The y-component of the velocity vector shown in the figure is

a) -87 m/s b) -77 m/s c) + 77 m/s d) +87 m/s e) -67 m/s Answer: ______ (1 pt) Show work: (4pts)



Question 2: A battleship simultaneously fires two shells at enemy ships *with different launch velocities*. If the shells follow the parabolic trajectories shown, which ship gets hit first?

