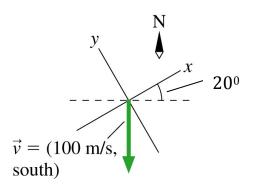
QUIZ 4 Green, PHY 191 B, Friday, Sep 23, 2016 (15 pts) [see both sides of sheet!]

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

a) -94 m/s	b) -77 m/s	
c) + 77 m/s	d) +94 m/s	
e) -64 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 later?

