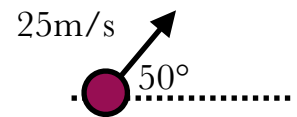


Alternate Homework Week 2

1. A ball is shot into the air with a speed of 25m/s at a 50° angle with the horizontal. How high does the ball go above the ground?

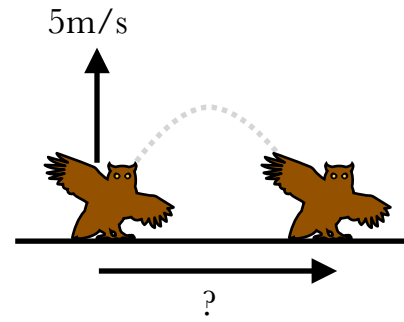
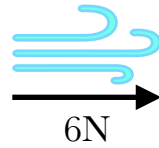


	x	y
Δx		
v_i		
v_f		
a		
Δt		

2. A pool ball rolls off a flat table with a speed of 8m/s. The ball lands 3m from the base of the table. How tall is the table?

	x	y
Δx		
v_i		
v_f		
a		
Δt		

3. A 2kg owl jumps directly upward into the air with a speed of 5m/s, but a wind is blowing which exerts a 6N force on the owl to the right. How far away does the owl land?



	x	y
Δx		
v_i		
v_f		
a		
Δt		