

# Air Puck Worksheet

Collisions	Observations
Two pucks colliding	
<b>Newton's First Law of Motion</b>	
Velocity of one puck	
One puck colliding with a stationary puck	
<b>Newton's Second Law of Motion</b>	
One puck colliding with a stationary puck	
One puck colliding with a stationary puck—Mass 1	
One puck colliding with a stationary puck—Mass 2	
One puck colliding with a stationary puck—Mass 3	
<b>Newton's Third Law of Motion</b>	
Two pucks colliding	

1. What type of collision occurs with air pucks? What evidence leads you to this conclusion?
2. Suggest other experimental setups to test Newton's laws of motion.