

Force and Motion

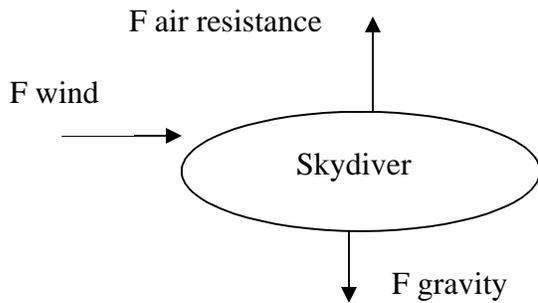
Assignment # 2 Free Body Diagrams

NAME: _____

Due Date: _____

Instructions: Read the statement and draw and label a diagram that shows the forces acting on the object.

1. Ex. A skydiver falling from a plane before her parachute opens.



2. A basketball rolling across the floor.

3. A boat that is stationary on the water.

4. A textbook sitting on the floor.

5. A golf ball that is falling into the cup.

6. A car that is stopping at a red light.

Feedback

<input type="checkbox"/> Not complete by due date <input type="checkbox"/> Answers lacked effort or knowledge <input type="checkbox"/> Much improvement is needed in the knowledge of forces applied on an object <input type="checkbox"/> Redo/complete questions #'s <input type="checkbox"/> Parent signature required _____	<input type="checkbox"/> Completed with accuracy <input type="checkbox"/> Missing a few forces for some questions <input type="checkbox"/> Shows reasonable knowledge of forces applied on an object <input type="checkbox"/> Correct/improve questions #'s _____	<input type="checkbox"/> Completed with detail <input type="checkbox"/> Showed most forces acting on the object <input type="checkbox"/> Shows excellent knowledge of forces applied on an object <input type="checkbox"/> Improve questions #'s _____
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