

Final Assignments

1) An object experiences a net zero external unbalanced force. Is it possible for the object to be traveling with a non-zero velocity? If yes, state the condition that must be placed on the magnitude and direction of the velocity. If no, provide a reason.

→ Yes, an object may travel with a non-zero velocity even when the net external force on it is zero.

2) Difference between balanced and unbalanced force.
→ In balanced the net force is zero but in unbalanced force the net force is above zero.