

H.W.
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Assignment
Worksheet

1. When a net zero external unbalanced force is applied on the body, it is possible for the object to be travelling with a non-zero velocity because once an object comes into motion and there is a condition in which its motion is ~~not~~ unopposed by any external force; the object will continue to remain in ~~no~~ motion.

2. Balanced

If the resultant of all the forces acting on a body is zero, the forces are called balanced forces.

Unbalanced

If the resultant of applied forces are greater than zero, the force are called unbalanced force.

3. Inertia is a property or tendency of every object to resist any change in its state of rest or of uniform motion in a straight line.

4. A bicycle and a train \rightarrow Train
A five rupee coin & a one rupee coin \rightarrow five rupee coin.