



Newton, Force, Motion & Machines

A. Drag and drop using terms from the answer box

opposite	accelerate	unbalanced	
rest	motion	mass	action

Newton's 3 Laws of Motion

1st Law of Motion: An object at rest will stay at _____, and an object in _____ will stay in motion unless a _____ force acts on it.

2nd Law of Motion: The greater the _____ of an object, the more force it will take to _____ the object.

3rd Law of Motion: For every _____ there is an equal and _____ reaction.

Force & Motion

B. Multiple choice.

1. A force is a ...
2. Motion is caused by?
3. Which is a non-contact (objects not touching) force?
4. Which is a contact (objects touching) force?

Simple Machines

c. or

5. Machines make work more fun.

6. Effort force pushes or pulls an object is.

7. Work is done when an object doesn't move.

8. Gears are wheels with teeth.

D. Connect

Load

Effort

Fulcrum

