



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. True or False

5. Machines make work more fun.

| | |
|------|-------|
| True | False |
|------|-------|

6. Effort force pushes or pulls an object is.

| | |
|------|-------|
| True | False |
|------|-------|

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

| | |
|------|-------|
| True | False |
|------|-------|

8. Gears are wheels with teeth.

| | |
|------|-------|
| True | False |
|------|-------|

D. Connect

Load Effort Fulcrum

