

Forces

1. Forces are the scientific name for what 2 things?
 - i.
 - ii.
2. When air hits a car, it forces it to slow down. What is this force called?
3. What force pulls apples to the ground?
4. What force causes a boat to float?
5. Does this force push up or down?
6. When a swimmer pushes themselves along horizontally through the water, what is the name of the force which slows the swimmer down?
7. Name 2 magnetic materials.
 - i.
 - ii.
8. What force, between a car's wheels and the ground, keeps a car on the road as it is driving along?

9. When 2 forces are balanced, describe the movement (if any) of the object.

10. What 4 effects do unbalanced forces have on an object?

i.

ii.

iii.

iv.

11. What name is given to something that makes our work easier and helps us to move things?

12. A lever is a 'force magnifier'. What does 'force magnifier' mean?

13. Give 3 examples of a lever.

i.

ii.

iii.

14. Name 2 other types of simple machines that can work as a force magnifier.

i.

ii.