



GENERAL SCIENCE CH: 9 SIMPLE MACHINES

Name: _____

Date: _____

Class: V Sec: ____

I. Fill in the blanks.

1. A push or pull is a -----
2. ----- is the ability to do work.
3. Work is done if the body ----- on applying force.
4. A device used to make work easier is called a -----
5. A machine made up of two or more simple machines is a -----machine.
6. Egyptians used ----- to move heavy stones while constructing the Great Pyramids.
7. A winding road on a hill is an -----.
8. A needle, pin and spear are examples of -----.
9. A ceiling fan and a giant wheel consist of ----- arrangement.
10. A lever is a bar that can be moved about a fixed point called -----
11. A ----- is a grooved wheel with a rope or cable around it.
12. A crane works on many ----- and therefore can shift extremely heavy objects.
13. An object with at least one ----- side forming a sharp edge is called a wedge.
14. It is easy to break the shell of a walnut by using a -----
15. The effort required to push a heavy stone over a -----slope is less than pushing it on a steep slope.

II. Match the following.

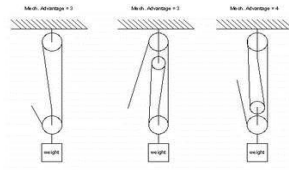
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|-------------------|--|
| 1. Pulley | a. Needle, axe |
| 2. Wheel and axle | b. load, fulcrum, effort |
| 3. Lever | c. a flight of stairs |
| 4. Inclined plane | d. move together |
| 5. Screw | e. lifting and lowering heavy loads with less effort |
| 6. Wedge | f. the grooves help in providing a better grip |

III. Identify the type of simple machine and mention its uses in daily life.



INDIAN SCHOOL NIZWA - WORKSHEET

1.



2.



3.



4.



5.



6.



7.



8.



9.