

Name: _____ Date: _____

Simple Machines

Q1. State True (T) or false (F).

- a. A fixed pulley acts as a second class lever. _____
- b. A lever's balance point is called its fulcrum. _____
- c. Simple machines are the most complex machines that we use daily to make work easier. _____
- d. An inclined plane helps a person to move or raise heavy objects. _____
- e. Wheelbarrow is an example of Class – II Lever. _____
- f. The wheel and axle is a first class lever. _____

Q2. Fill in the blanks.

- a. A car jack is an example of _____ lever.
- b. A person using a hockey stick is an example of _____ lever.
- c. A _____ is an inclined plane that goes round and round.
- d. A wheel and _____ together act as a simple machine.
- e. _____ are devices, which help us to do a great deal of work with less effort.
- f. A lever's balance point is called its _____.

Q3. Match the following.

Ramps for wheel chairs

Wheel and Axle

An inclined plane wrapped around a cylinder

Second class levers

A windmill

Inclined plane

A pair of nutcrackers

Screw

Lifts the automobile with less effort

Jack