

Chapter - 22
Simple Machines
Worksheet – 1

Q.1 Fill in the blanks:

1. A _____ is a device or a tool that makes our work easier.
2. The _____ is the center or turning point on which the rod moves.
3. When you cut something with a pair of scissors, you apply the _____ on the handle.
4. Sea-saw is another example of _____.
5. The work done by a simple machine is done by _____ the effort required to do the work.

Q.2 True false:

1. A lever is a simple machine that helps us to lift or open something with more effort.
2. An inclined plane is flat surface parallel to ground.
3. An inclined plane makes work easier by reducing the force you have to apply.
4. Slides, staircase are some examples of a wedge.
5. Lever is a rigid bar or board or rod fixed at a point.

Q.3 Subjective questions:

1. What are simple machines?
2. What does lever consist of?
3. What is an inclined plane? Give examples.
4. How does simple machine work?
5. What is meant by load and effort?