

WORKSHEET NO - 4

NAME :

CLASS : VI

CHAPTER: FORCE AND PRESSURE

GRADE:

SUB: PHYSICS

DATE:

1. Match the example to the correct type of force:



2. Fill in the blanks:

- a. Force is a _____ or a _____.
- b. Force has _____ and direction.
- c. _____ force always opposes motion.
- d. Frictional forces between a pair of surfaces depends upon their _____ and _____.
- e. Pressure is the force acting _____ _____ area.
- f. In M.K.S system, the unit of pressure is _____.
- g. Internationally the accepted unit of pressure is _____.
- h. Magnetic force is _____.
- i. The pressure is ratio of _____ and _____.
- j. We apply oil to machines to _____ friction.

3. Give reasons for the following:

1. Animals like camel walk easily in deserts.
2. A heavy truck is fitted with 6 to 8 wheels.
3. When a carom board becomes old, we apply powder to it.

4. Differentiate between:

- a. Thrust and pressure
- b. Force and pressure
- c. Gravitational force and frictional force

