

8TH GRADE - SCIENCE

FORCE

INTERACTIVE WORKSHEET 03

I. Choose the correct answers.

1. Pressure is _____.
(a) Volume / area (b) Force / area (c) Mass/ area (d) Density / area
2. Force is a _____.
(a) Power (b) Pressure (c) Push or pull (d) Friction
3. Force can be measured by _____.
(a) Magnitude (b) Mass (c) Volume (d) Weight
4. Force acting on a surface in a direction perpendicular to it is known as _____.
(a) Thrust (b) Force
(c) Pressure (d) Density
5. The pressure exerted by the atmospheric air is known as
(a) Atmospheric pressure (b) biosphere
(c) Troposphere (d) All of the above
6. A spring balance is used for measuring
(a) Mass (b) Weight
(c) Pressure (d) Speed
7. The force exerted by one object on another by virtue of their masses is _____.
(a) Magnetic force (b) Electrostatic force (c) Gravitational (d) Frictional
8. Which of the following is contact force?
(a) Friction (b) Magnetic (c) Gravity (d) Electrostatic
9. Which of the following is non-contact force?
(a) Magnetic (b) Gravity (c) Electrostatic (d) All the above
10. Which of the following represents muscular force?
(a) Pulling (b) Magnetic attraction (c) Gravitation (d) Friction



AIMS-INDIA

