

(WORKSHEET)

Class: 8th

Chapter : FRICTION

Subject: Science

DATE : 01.07.2020

1. Force of friction does not depend upon:-
 - a. weight of object in motion
 - b. nature of surface in contact
 - c. area of surfaces in contact
 - d. external force applied on object

2. If applied force is increased then friction will: -
 - a. increase at the same rate
 - b. decrease at the same rate
 - c. increase at a different rate
 - d. decrease at a different rate

3. Which of the following is not a type of friction?
 - a. static friction
 - b. rolling friction
 - c. kinetic friction
 - d. magnetic friction

4. That maximum force of friction when block just starts to move is: -
 - a. highest friction
 - b. limiting friction
 - c. lowest friction
 - d. sliding friction

5. Match the column: -

a. sliding friction	i) heat production
b. static friction	ii) applying brakes
c. polishing surfaces	iii) greater than kinetic friction
d. advantage of friction	iv) greater than rolling friction
e. disadvantage of friction	v) decreases friction

6. Fill in the blanks: -

- a. Frictional force is caused by the interaction of a body with _____.
 - b. None of the solid surfaces are perfectly _____.
 - c. Two _____ surfaces when placed together meet only at certain points.
 - d. The interlocking of the irregularities of the surfaces in contact causes _____.
 - e. There is no relative motion between the two surfaces in contact in case of
_____ friction.
7. A ball moving on a horizontal surface stops after some time without applying any force. Why?
 8. Friction is wasteful at times so why we need to increase it in some cases?
 9. What will be the direction of friction in the following image?



10. Write the correct words by putting letters in correct sequence-

- i. Mendealrist
- ii. blintucar