

INTERNATIONAL INDIAN SCHOOL - BURAIDAH

Worksheet for the Academic Year 2025 - 2026

Class:8

Subject: science

1. Friction is the force that always _____ the motion of an object.
2. Friction acts when two _____ come in contact.
3. The frictional force depends on the nature of _____ in contact.
4. Friction produces _____.
5. Lubricants are used to _____ friction.
6. The friction between solid surfaces is called _____ friction.
7. Rolling friction is always _____ than sliding friction.
8. The grooves on tyres and shoes are called _____.
9. Fluid friction is also known as _____.
10. The force of friction always acts in the _____ direction of motion.
11. Friction is a _____
 - a. Contact force b. Non-contact force
 - c. Magnetic force d. None of these
12. What kind of substances are known as lubricants
 - a. Increase friction b. Decrease friction
 - c. Increase or decrease friction d. None of these
13. What is friction?
14. Why are the soles of shoes and tyres treaded?
15. Why do we sprinkle fine powder on carom board before playing?
16. Describe three methods of increasing and three methods of reducing friction in daily life.
17. Explain why friction is a necessary evil.
18. You spill a bucket of soapy water on a marble floor accidentally. Would it make it easier or more difficult for you to walk on the floor? Why?

19. Iqbal has to push a lighter box and Seema has to push a similar heavier box on the same floor. Who will have to apply a larger force and why?

20. What are the different types of friction? Give one example of each.