

Name: _____ Date: _____

Friction

Q1. What is drag?

Ans. _____

Q2. Which type of surface produces less friction?

Ans. _____

Q3. Why the soles of our shoes wear out gradually?

Ans. _____

Q4. Which type of surface produces more friction?

Ans. _____

Q5. Why ball bearings are used in machines?

Ans. _____

Q6. Write any two machines in which ball bearings are used.

Ans. _____

Q7. What makes the steps of foot over-bridges at Railway Stations to wear out slowly?

Ans. _____

Q8. What are lubricants?

Ans. _____

Q9. Why do we sprinkle fine powder on the carrom board?

Ans. _____

Friction

Q1. What is drag?

Ans. The frictional force exerted by fluids is also called drag.

Q2. Which type of surface produces less friction?

Ans. Smooth surface produces less friction.

Q3. Why the soles of our shoes wear out gradually?

Ans. The soles of shoes wear out gradually due to friction.

Q4. Which type of surface produces more friction?

Ans. Rough surface produces more friction.

Q5. Why ball bearings are used in machines?

Ans. Ball bearings reduce friction. Thus, they are used in machines.

Q6. Write any two machines in which ball bearings are used.

Ans. Ceiling fans and Bicycles

Q7. What makes the steps of foot over-bridges at Railway Stations to wear out slowly?

Ans. Frictional force

Q8. What are lubricants?

Ans. The substances which reduce friction are called lubricants.

Q9. Why do we sprinkle fine powder on the carrom board?

Ans. Powder is sprinkled on the carrom board to reduce friction.