

Class – 8
Science
Chapter - 12. Friction

What kind of substances are known as lubricants

A Increase friction

B Decrease friction

C None of these

D Increase or decrease friction

Friction depends on the _____ of surface.

A Matter

B Size

C Smoothness/ nature

D Colour

Friction produces

A Heat

B Light

C Force

D Motion

Sliding friction is _____ than static friction.

A Greater

B More

C Equal

D Less

Sprinkling of powder on the carom board

A Maintain the friction

B Increase friction

C Reduce friction

D Make the board durable

Fluid friction can be minimized by

- A Increasing volume
- B Adding salts to fluid
- C Decreasing volume
- D Giving suitable shape

The heat in metals is conducted by the process of

- A Absorption
- B Convection
- C Conduction
- D Radiation

In machine, friction between moving part is reduced by

- A Using paints
- B Using lubricants
- C Heating machine
- D Using powder

Friction opposes the _____ between two surfaces in contact.

A Reflective motion

B Relative motion

C Rotary motion

D Refractive motion

A force which opposes the motion is called

A Sliding

B Gravitational

C Linear

D Friction

Rolling friction is smaller than?

A Fluid friction

B All of these

C Sliding friction

D Static friction

Thermos flask keeps hot liquid hot and cold liquid cold by

A Friction

B Cooling

C Heating

D Preventing heat loss

The frictional force exerted by fluids is also called

A Smug

B Rung

C Slag

D Drag

Striking a matchstick produces fire by

A Contact force

B Friction

C Chemical reaction

D Physical reaction

The substance which reduce friction are called

A Graphite

B Wheels

C Powder

D Lubricants

Four children were asked to arrange forces due to rolling, static and sliding frictions in a decreasing order. Their arrangements are given below:

A static, sliding, rolling

B rolling, sliding, static

C sliding, static, rolling

D rolling, static, sliding

Alida runs her toy car on the dry marble floor, wet marble floor, newspaper and towel spread on the floor. The force of friction acting on the car on different surfaces in increasing order will be:

A wet marble floor, dry marble floor, newspaper and towel.

B newspaper, towel, dry marble floor, wet marble floor.

C wet marble floor, dry marble floor, towel, newspaper.

D towel, newspaper, dry marble floor, wet marble floor.

Sound can travel through

A gases only

B solids, liquids and gases

C liquids only

D solids only

Sound can travel through

A gases only

B solids, liquids and gases

C liquids only

D solids only