

Name: _____ Date: _____

Friction

Q1. Name the force responsible for wearing out of car tyres.

Ans. _____

Q2. What is the direction of force of friction acting on a moving object?

Ans. _____

Q3. Which force always opposes motion?

Ans. _____

Q4. What is done to increase friction between the tyres and road?

Ans. _____

Q5. When does static friction come into play?

Ans. _____

Q6. When does sliding friction come into play?

Ans. _____

Q7. Why is the surface of a slide polished to make it smooth?

Ans. _____

Q8. Why do kabaddi players rub their hands with dry soil?

Ans. _____

Friction

Q1. Name the force responsible for wearing out of car tyres.

Ans. Frictional force is responsible the wearing of car tyres.

Q2. What is the direction of force of friction acting on a moving object?

Ans. The force of friction always opposes the applied force.

Q3. Which force always opposes motion?

Ans. Friction force always opposes motion.

Q4. What is done to increase friction between the tyres and road?

Ans. The tyres of the vehicle are treaded to increase friction.

Q5. When does static friction come into play?

Ans. Static friction comes into play when we try to move an object at rest.

Q6. When does sliding friction come into play?

Ans. Sliding friction comes into play when an object is sliding over another.

Q7. Why is the surface of a slide polished to make it smooth?

Ans. The surface of a slide polished to make it smooth in order to reduce friction.

Q8. Why do kabaddi players rub their hands with dry soil?

Ans. Kabaddi players rub their hands with soil for a better grip of their opponents.