

Lesson 12- Friction

I. Fill in the blanks :

1. The force of friction always act in the _____ direction to the applied force.
2. _____ comes into play when we try to move an object at rest.
3. _____ comes into play when an object is sliding over othe object.
4. Sliding friction is always _____ than static friction.
5. Friction can be _____ by using lubricants.
6. Friction is the force which _____ the relative motion between two surfaces.
7. Friction can be increased by making a surface _____.
8. The friction force exerted by fluid is also called _____.
9. The common name of gases and liquids is _____.
10. Name the device used for measuring the force acting on an object _____.

II Answer the following

1. Name two methods of reducing friction.
2. Why the soles of shoes and tyres of cars, truck etc are grooved.
3. What is the cause of friction.
4. How the fluid friction can be minimized.

III Define friction.