

Types of Force of Friction

1. True / False:-

A. When we roll a ball on the ground. It moves some distance and then stops, due to friction.

B. When you push the car on a smooth surface. It moves a short distance because friction is more on a smooth surface.

C. When you push a toy car on a carpet it slows down and stops after sometime, due to friction.

D. Two objects rub against each other, they cause force.

2. Fill in the blanks.

A. _____ occurs because of rubbing of the object against a rough surface.

B. The force which slows the ball down is called the force of _____

C. _____ in the resistance of motion when one object rubs against another.

D. Friction work against the motion and acts on the _____ direction.

E. Friction is caused due to the irregularities on the _____ surface in contact.

3. Answer the following questions:

A. What is a force of friction?

B. Why does friction arise?

C. What effect does friction have on an object?
