

worksheet

* .Fluid friction occurs between solid surfaces

true ☐

false ☐

* Explain the difference between static
.friction and kinetic friction

إجابتك

* Describe one factor that affects the
.coefficient of friction between two surfaces

إجابتك



- * A 10 kg box is placed on a ramp inclined at an angle of 30 degrees. Calculate the force of friction acting on the box if the coefficient of friction between the box and the ramp is 0.3. (Assume $g = 9.8 \text{ m/s}^2$)

إجابتك

- * Give an example from everyday life where friction is beneficial. Explain how friction helps in that situation

إجابتك

Friction

Name.....

Fill in the table with examples of friction in the world around you. Use the pictures below to start you off.

	High friction	Low friction
Useful		
Not useful		

