

- 1- A Force acting on an object cause the object to change its shape or size to start moving, to stop moving to accelerate or decelerate. When there's the interaction between two objects they exert a force on each other, the exerted forces are equal in size but opposite in direction
- 2 A non-contact force is ~~gravity~~ a force which acts on an object without coming physical in contact with it
- 3 The force required to initiate or maintain relative motion
- 4 Friction produces unnecessary heat leading to the wastage of energy