

Force: A push or pull acting on an object

Contact Forces: Only affect object they touch:

Examples: Tension, Friction and Elastic forces

Action at a Distance Forces: Can apply force without touching the object:

Examples: Gravity, Electrostatic, and Magnetic forces

Review Questions

1. What is a situation which would involve a contact force?
2. What is a situation which would involve an action at a distance force?
3. What units should weight be measured in?
4. If no forces are acting on an object in space and it is moving at 50 km/hr will it speed up, slow down or stay the same speed?
5. Why would your weight be different on a different planet?