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1) The different types of effects of forces are:

- * A force can stop a moving object.
- * A force can change the direction of a moving object.
- * A force can stop a moving body.
- * A force can move a body at rest.
- * A force can change the shape and size of an object.
- * A force can make the moving object faster.

2) a) Contact force → The force which acts on bodies by making an actual contact is called as the contact force. Ex → Muscular force, the frictional force and

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the force of tension.

of Non-Contact forces \rightarrow forces which acts on bodies with no-contact is called as the Non-Contact force. Ex \rightarrow Magnetic force, gravitational force and Electrostatic force.

Frictional force \rightarrow Friction is the force that opposes the relative motion between the two surfaces in contact with each other. Ex \rightarrow static, sliding and Rolling.

3) Disadvantages of friction are:

* Friction produces heat.

* Friction causes wear and tear in the

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moving parts, resistance of a surface etc

* Friction opposes the motion of a body, so it decreases. More force is needed to move a body.

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