

Effects of a force;

1. A force can move a body originally at rest. Example: When a car, which is originally at rest is pushed, the car begins to move.
2. A force can stop a moving body. Example: A moving bicycle is stopped by applying the brakes.
3. A force can make a moving body to move faster. Example: The speed of a ~~big~~ bicycle increases, when more force is applied on the pedal by the cyclist.
4. A force can slow down a moving body. Example: The speed of a moving vehicle is slowed down by applying brakes.
5. A force can change the direction of motion of a moving body. Example: A player kicks a moving football to change its direction of motion.
6. A force can change the shape or size of a body. Example: on squeezing a piece ~~of~~ of rubber, its shape changes.