

Name _____

Date _____

Brain POP Pushes and Pulls Quiz

_____ 1. Daddy gets a flat tire. He uses a jack to lift his car. Why is the jack useful?

- A. It teaches you how to be safe when you drive a car.
- B. It makes your car push things with greater force.
- C. It helps a tow truck pull your car to a garage.
- D. It lets you use force to lift heavy objects.

_____ 2. Why does it take more force to throw a baseball than a paper airplane?

- A. Because the baseball is heavier than the paper airplane
- B. Because the baseball is lighter than the paper airplane
- C. Because the baseball is round and the plane is not
- D. Because the baseball is smaller than the paper airplane

_____ 3. Which describes how fast something is moving?

- A. Speed
- B. Slide
- C. Position
- D. Force

_____ 4. Why might you slip more often on an icy road than on a dirt road?

- A. Because you need more force to walk on an icy road
- B. Because there is less friction between an icy road and your feet
- C. Because an icy road stops your motion better than a dirt road
- D. Because an icy road changes position faster than a dirt road

_____ 5. Which statement is FALSE?

- A. The harder you push, the more force you use
- B. You can push or pull things in motion
- C. Friction is a force that can slow things down
- D. You do not need force to move light objects