

Learn About Force: Friction

Friction is a kind of force. Friction is created when two surfaces rub together. Too much friction can make an object difficult to move. Read the questions and answer them.

1. The taxi driver has to be more careful when driving in winter because the road is more slippery than when he drives in summer. That means the friction on the road during winter is _____ the friction during summer.

- a) more than
- b) less than
- c) the same as



2. A soccer player finds that the ball rolls farther when the grass is short than when the grass is long. This means that _____.

- a) there is more friction when the grass is short
- b) there is less friction when the grass is short
- c) it's easier to play soccer when the grass is long

3. The mover pushed her cart on the tile floor and it went fast and easy. When she pushed the cart on the carpet, it was harder because there is more friction on the carpet. Therefore, she must _____.

- a) leave the cart outside and take a nap
- b) use less force to push the cart when she's on the carpet
- c) use more force to push the cart when she's on the carpet



4. Write down 3 more examples of two surfaces rubbing together.

EXAMPLE: Skis on snow

- 1) **Student answers will vary.** _____
- 2) _____
- 3) _____