

Force Part 2

Choose the correct answer.

1. Do the people in the picture want more friction or less friction?



- more friction
- less friction

2. What can you do to make a toy car go across a carpet as quickly as it does across a smooth floor?



- Use more force.
- Use less force.

Which of the following actions needs less force?

3.



Choose the correct answer.

4. How can you go skating faster?



- Use more force in your pushes.
- Use less force in your pushes.

5. What is friction?

- Friction is the force that occurs when two objects rub against each other.
- Friction is the movement of forces.

6. If there was no friction, and you kicked a ball, when would it stop?



- It would stop after a few minutes.
- It would not stop until it hits another object.

7. A boy was pushing his toy truck across a wooden floor. It went smoothly. When he tried to push it on a carpet with the same amount of force, it was harder to move. Why?



- There is less friction between the toy truck and carpet.
- There is more friction between the toy truck and carpet.

Which of the following actions needs more force?

8.



Choose the correct answer.

9. Friction is a force that acts when two objects _____ against each other.



- stand
- rub

State whether the following statement is true or false.

10. Motion is the changing of speed and direction.

- True
- False