

Friction Exit Quiz – Student Edition

MULTIPLE CHOICE. Select the best answer.

1. Which of the following is not true of friction?
 - a) Friction opposes motion
 - b) Friction occurs when two surfaces are in contact with one another.
 - c) Drag is the name of friction occurring in air or water.
 - d) Rolling friction is greater than static friction.

2. Which of the following strategies reduces friction?
 - a) Waxing your skis
 - b) Waxing your surfboard
 - c) Wearing running shoes
 - d) Replacing the tires on your bike.

3. Which of the following increases friction?
 - a) Grip on tires.
 - b) Rough surfaces.
 - c) Flat surface.
 - d) All of the above.

4. Which of the following factors does not affect the amount of friction between two objects?
 - a) The mass of the objects involved.
 - b) The type of material of the objects involved.
 - c) The speed that the object is travelling.
 - d) The shape of the object

5. In which of the following scenarios is friction of benefit?
 - a) An airplane in the sky.
 - b) Hiking through a forest.
 - c) A cyclist in a road race.
 - d) A rowboat moving across a lake.