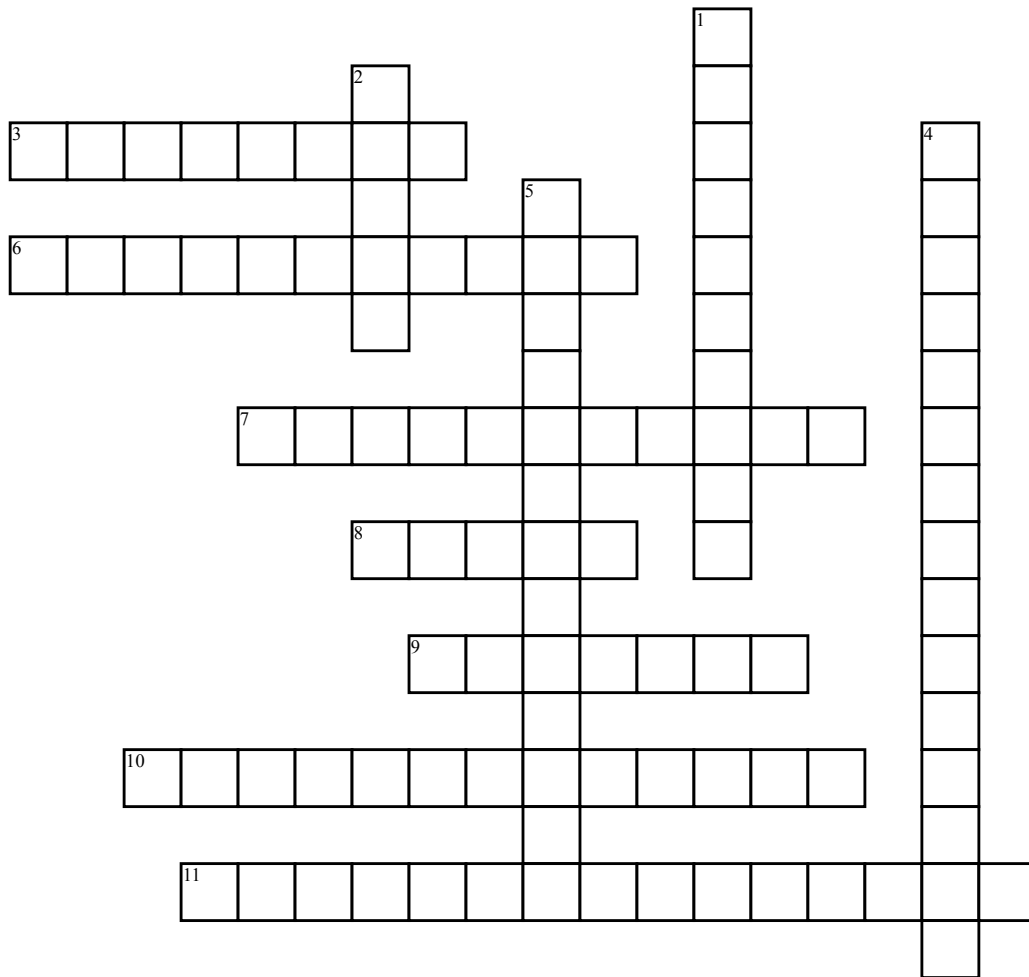


# Friction and Gravity Crossword



## Across

3. What involves the type of surface involved and how hard their surfaces are pushed together?
6. While driving a car on ice roads is there a high friction or low friction?
7. Fill in the blank: A \_\_\_\_\_ is one way of reducing friction between surfaces.
8. True or False: The force needed to overcome sliding friction is much less than the force needed to overcome rolling friction.
9. What is defined as "The force that attracts a body toward the center of the earth."

## Word Bank

Roller Skating  
Friction  
Sliding Friction

Rolling Friction  
Ice Skating  
force

Fluid Friction  
Ball Bearing  
Gravity

False  
Low friction

10. What is the type of friction that occurs when an object moves through a liquid or gas? (Water slowing speed of a boat)

11. When a rolling object rolls over a surface, what occurs?

## Down

1. An example of sliding friction is: \_\_\_\_\_ (use word bank)
2. Fill in the blank: Friction is the \_\_\_\_\_ that one surface exerts on another.
4. When a solid surface slides over another solid surface what occurs?
5. What's an example of rolling friction? (use word bank)