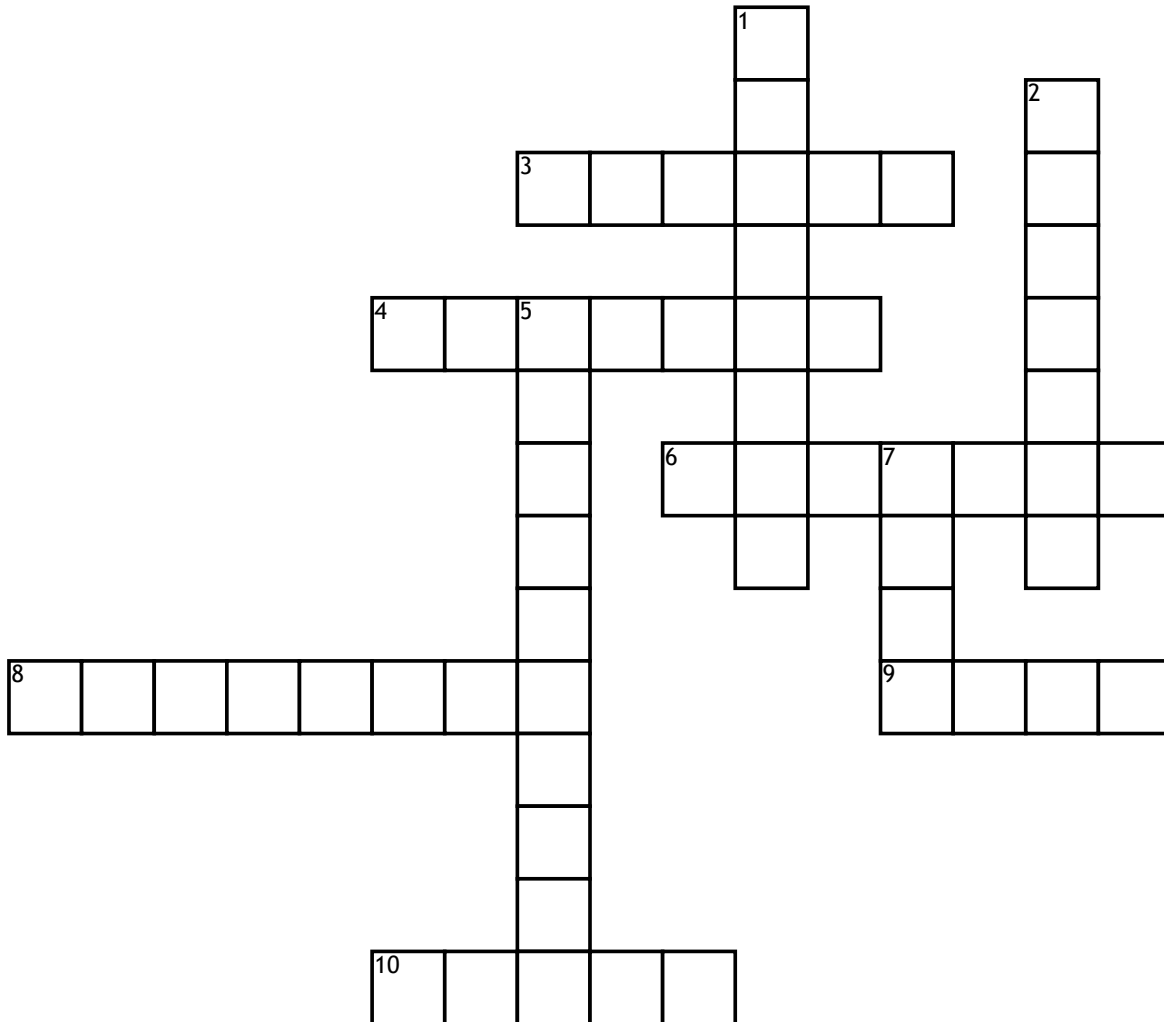


Gravity and Friction



Across

3. Gravity and friction both change the ___ of objects.
4. A force that pulls objects towards each other
6. ___ friction is when an object rolls over a surface.
8. Friction acts in a direction ___ to the object's direction of motion.
9. The force of friction eventually cause an object to ___.

10. Gravity and friction can affect the ___ and direction of an object.

Down

1. A force that happens when two surfaces slide past one another
2. ___ friction is when solid surfaces slide over each other.
5. The force of gravity can cause an object to ___ down a hill.
7. The force needed to overcome rolling friction is much ___ than the force needed to overcome sliding friction.