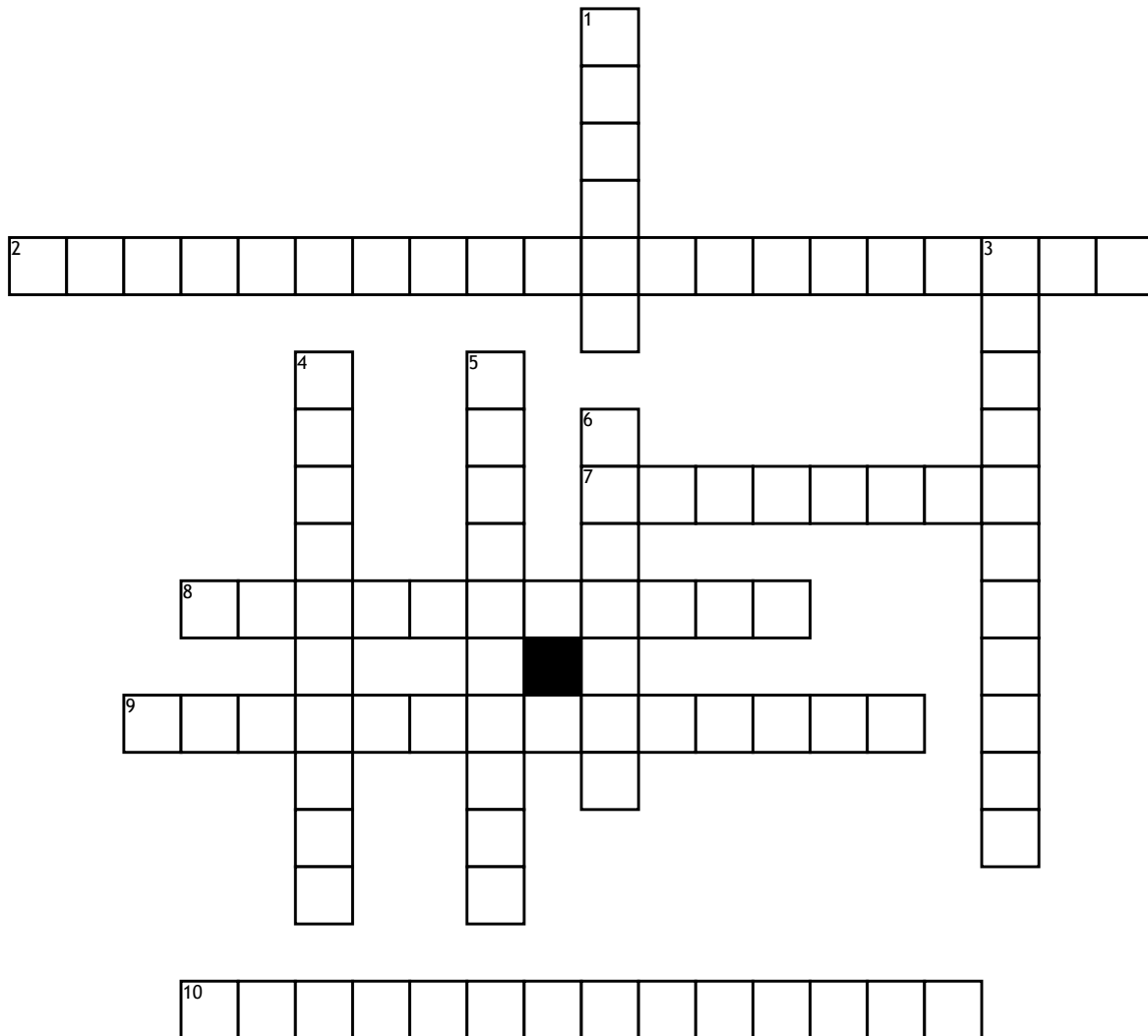


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# LoUG and SHM



## Across

2. it is generated by a linear restoring force
7. a planetary model which is intermediate between geocentric and heliocentric models
8. three empirical relationships that describe the motion of planets
9. any motion that repeats itself over equal periods of time
10. proportional to the amount of extension or compression of the spring

## Down

1. the time required by an object to complete one cycle of its repeated pattern of motion
3. proposed the law of universal gravitation
4. planets move in \_\_\_\_\_ orbits, with the sun at one focus
5. proposed the heliocentric model
6. proposed the geocentric model