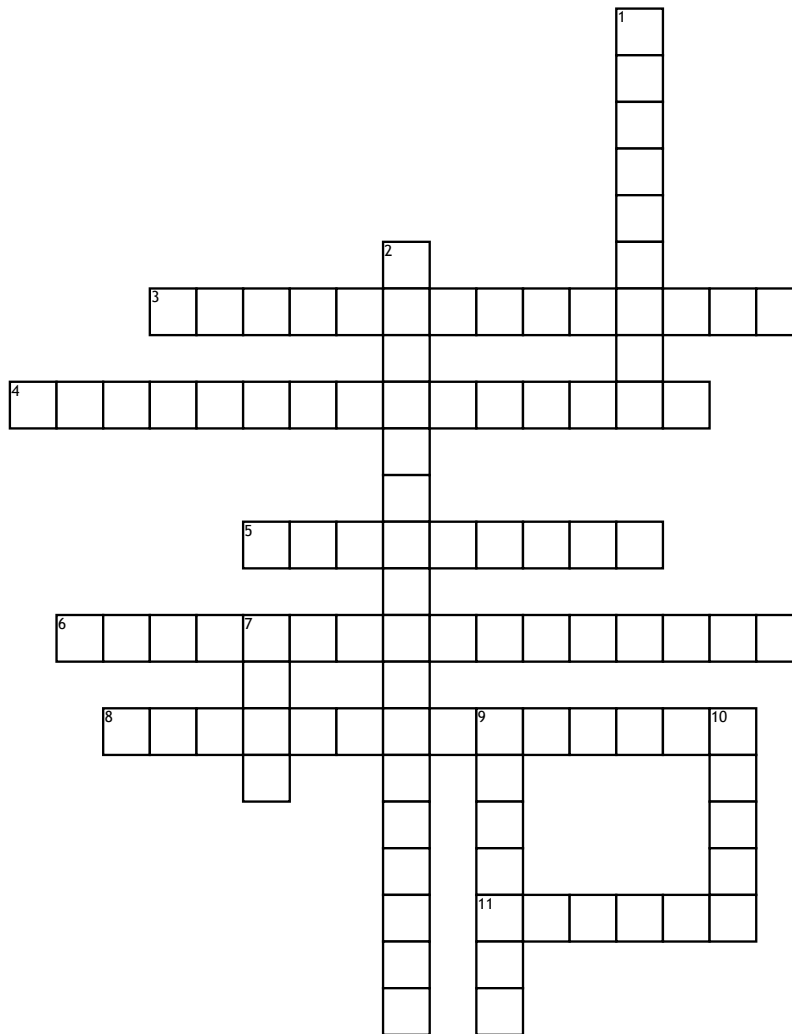


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Motions of Earth, the Moon, and Sun



## Across

- 3. A group of stars that form a pattern and are used to help people locate celestial objects
- 4. Stationary and centered Earth model
- 5. Has been created to standardize time for different regions
- 6. When allowed to swing freely, its path will appear to change in a predictable way
- 8. The tendency of all particles of matter moving at Earth's surface to be deflected from a straight path

## Word Bank

Coriolis Effect  
Local Time  
Eclipse

Heliocentric Model  
Phases  
Axis

Foucault Pendulum  
Geocentric Model  
Time Zones

Constellations  
Tides

- 11. The varying amounts of the lighted moon as seen from Earth

## Down

- 1. Time based on the rotation of Earth
- 2. Sun centered model
- 7. An imaginary line through the planet from the North to the South Pole
- 9. When a celestial object partly or completely comes into shadow off another celestial object
- 10. The gravitation between Earth, the Moon, and the Sun and fall of ocean waters on Earth