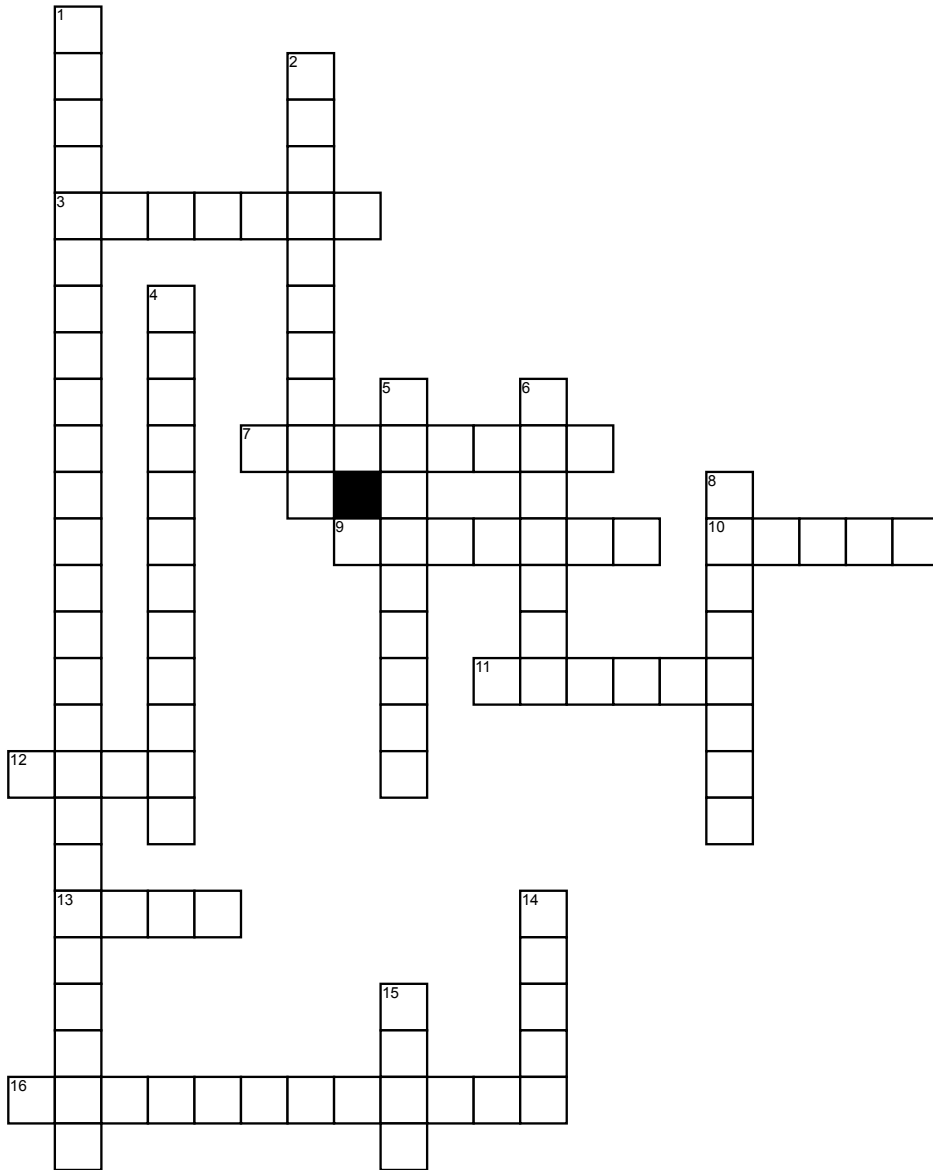


# Astronomy



**Across**

- 3.** The beginning of Spring and Fall
- 7.** The beginning of Summer and Winter
- 9.** The force that pulls all objects toward each other
- 10.** The path that planets and satellites (like a moon) take around a larger mass
- 11.** The amount of gravity acting on an object
- 12.** Related to the amount of inertia

- 13.** Caused by the moon's gravitational pull
- 16.** Eclipse where the moon blocks light from the Sun for a couple of seconds

**Down**

- 1.** Particles attract other particles in the Universe and directly proportional to the product of their mass and inversely proportional to the square of their distance between their centers
- 2.** A rotation around the Sun

- 4.** Eclipse where the moon seems to be red
- 5.** The study of space
- 6.** A celestial body blocking a light from another
- 8.** The planet's spin on it's axis
- 14.** The moon and other planets seem to have these from Earth
- 15.** An imaginary line that a planet spins on