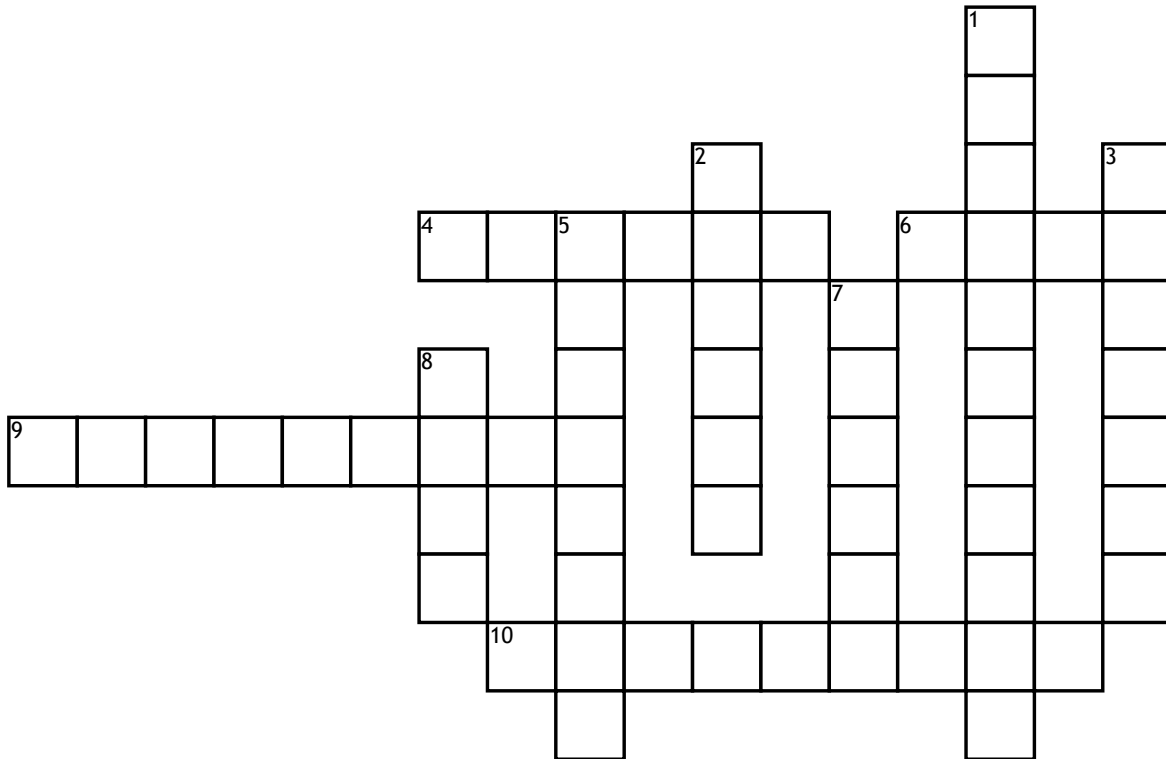


Name: _____

Date: _____

Astronomy



Across

4. A major celestial object that orbits a star and does not emit visible light by internal means.
6. A roughly spherical massive ball of hot gas that shines as a result of nuclear fusion reactions in its core.
9. A remnant of a massive star that has burned out its nuclear fuel and collapsed into a point of zero volume under tremendous gravitational force.
10. The distance light travels in one year, about 6 trillion miles.

Down

1. A remnant of a massive star that has reached the end of its life cycle. The core however has not completely collapsed.
2. A cloud of interstellar dust and gas.
3. The force of attraction between objects, the strength of which depends on the mass of each object and the distance between them.
5. A celestial body larger than a meteoroid but smaller than a moon.
7. A large collection of stars, star systems, clouds, gas and dust bound together by gravity with a black hole at its center.
8. Large, rocky celestial body orbiting the Earth.