

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

# Space Science Crossword Puzzle

## Across

**2.** The small, dense remains of a star (10x heavier than the sun) after a supernova.

**3.** The stellar explosion of a dying red supergiant star.

**4.** The force that pulls objects towards each other.

**7.** A huge, reddish loop of gas that protrudes from the sun's surface, linking parts of sunspot regions.

**10.** An object whose gravity is so strong that nothing, not even light can escape.

**11.** The movement of an object around another object.

**14.** A large cloud of gas and dust.

**15.** A small, hot, dim star that is created by the remaining material that is left when a red giant dies.

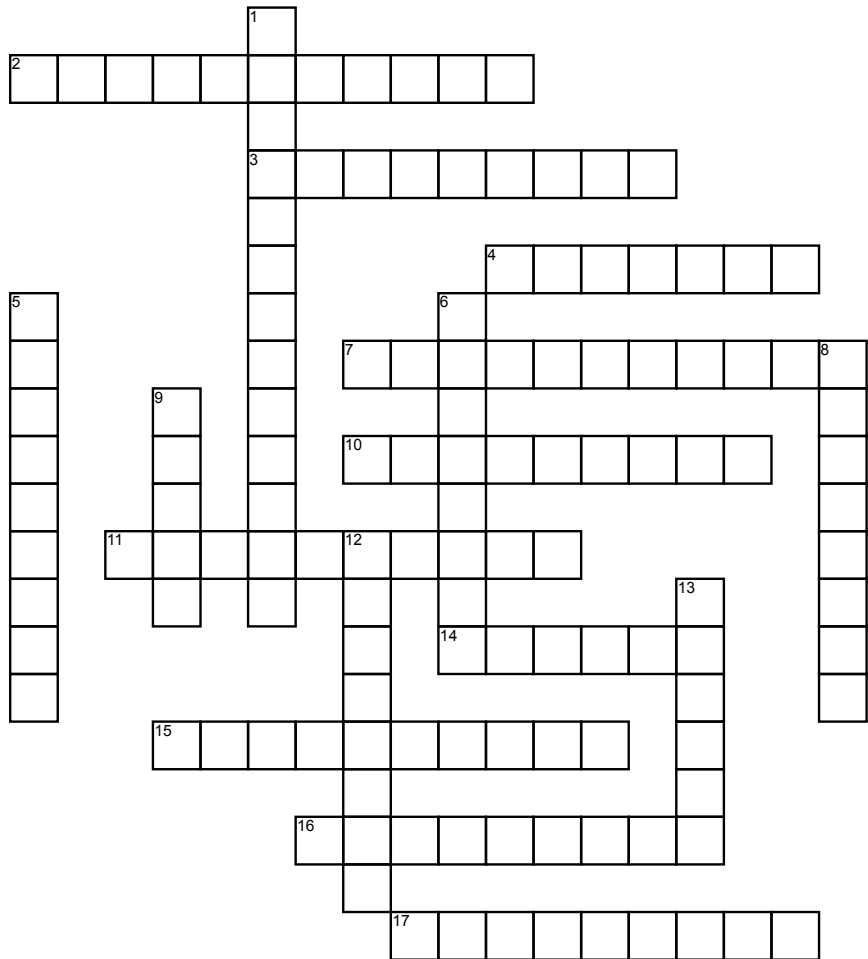
**16.** The study of celestial objects, space, and the physical universe as a whole.

**17.** A contracting cloud of gas and dust with enough mass to form a star

## Down

**1.** An imaginary pattern of stars in the sky.

**5.** Rocky objects revolving around the sun that are too small and numerous to be considered a planet.



**6.** The spinning motion of a planet on its axis.

**8.** A dark area on the sun's surface that is cooler than the surrounding area.

**9.** A loose collection of ice, dust, and small rocky particles, typically with a long, narrow orbit.

**12.** All of matter, energy, and space, along with everything in it.

**13.** A huge group of a single stars, star systems, star clusters, dusts, and gas bound together by gravity.

