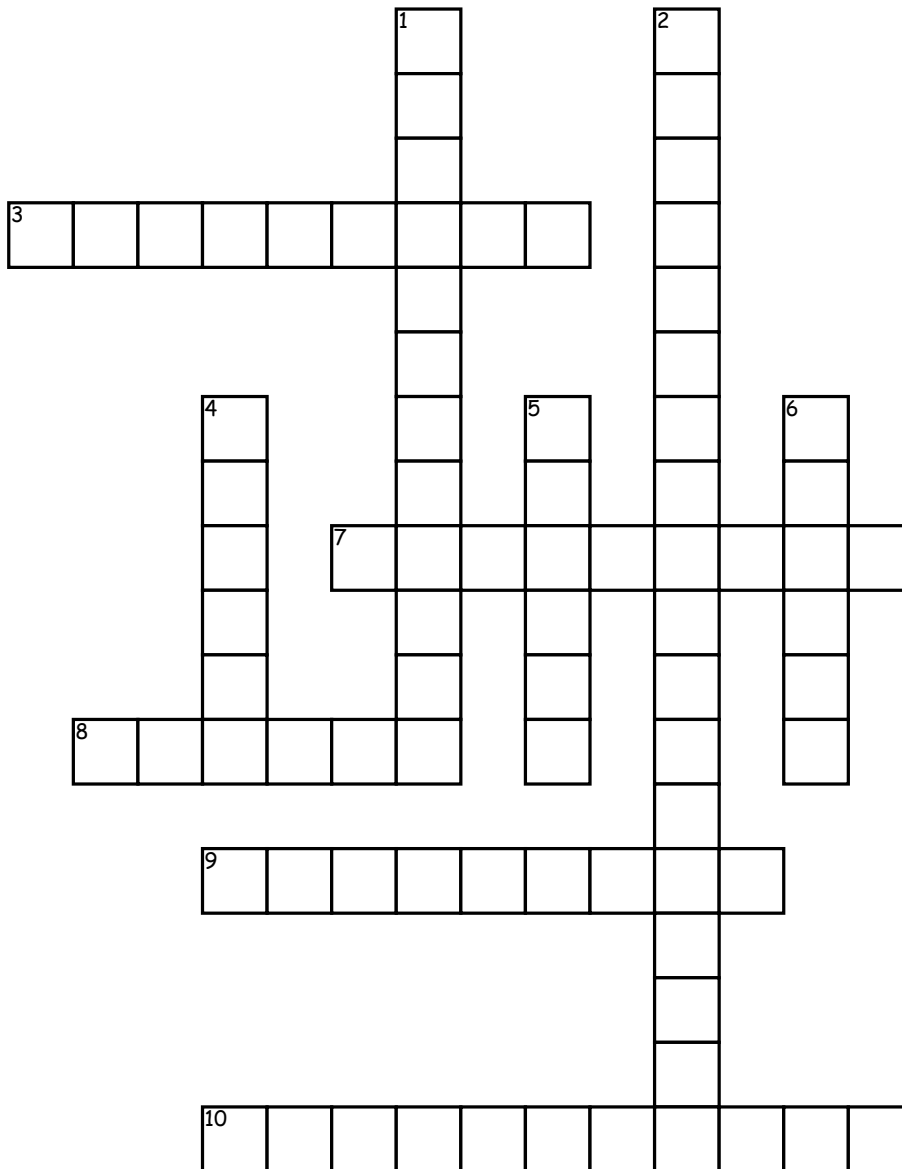


Name: \_\_\_\_\_

# Space crossword



## Across

3. a unit of astronomical distance equivalent to the distance that light travels in one year, which is  $9.4607 \times 10^{12}$  km (nearly 6 trillion miles)

7. a region of space having a gravitational field so intense that no matter or radiation can escape.

8. massive and extremely remote celestial object, emitting exceptionally large amounts of energy, and typically having a starlike image in a telescope. It has been suggested that quasars contain massive black holes and may represent a stage in the evolution of some galaxies.

9. 1. positioned in or relating to the sky, or outer space as observed in astronomy:

10. A collection of planets that surround a star with their moons

## Down

1. occurring or situated between stars:

2. The size of a sphere an object can be condensed into until it forms a blackhole

4. a cloud of gas and dust in outer space, visible in the night sky either as an indistinct bright patch or as a dark silhouette against other luminous matter.

5. a space entirely devoid of matter

6. a celestial object, thought to be a rapidly rotating neutron star, that emits regular pulses of radio waves and other electromagnetic radiation at rates of up to one thousand pulses per second.