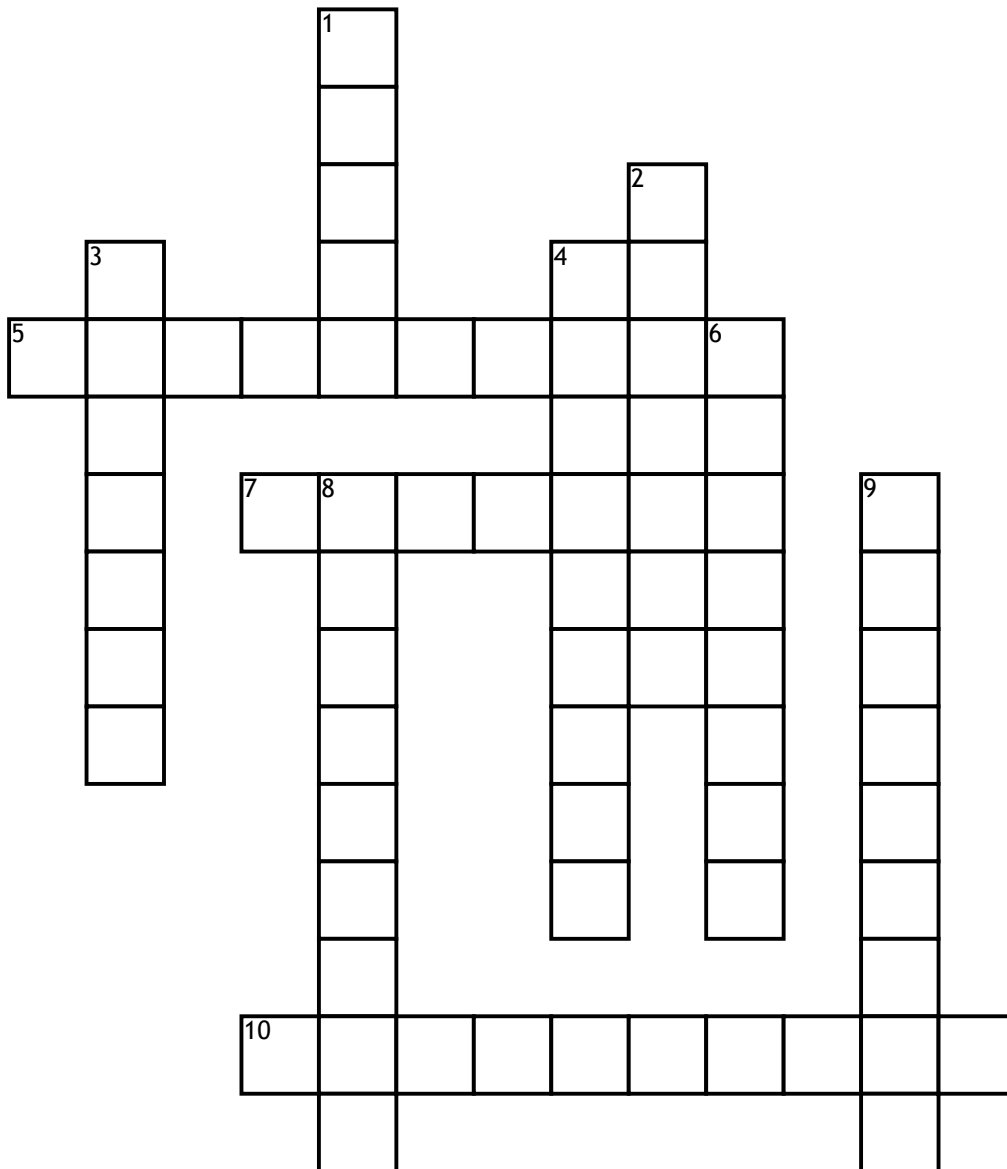


Name: _____

Date: _____

Big Bang



Across

5. the distance traversed by light in one mean solar year

7. a northern circumpolar constellation between Cassiopeia and Draco.

10. having or relating to the Earth as the center

Down

1. To circle around something

2. The force that attracts your body to the center of the earth

3. the rapid expansion of matter from a state of extremely high density

4. Something used to look up at the sky

6. a shift toward longer wavelengths of the spectral lines emitted by a celestial object that is caused by the object moving away from the earth.

8. Little loops produced by big loops

9. the four-dimensional continuum, having three spatial coordinates and one temporal coordinate, in which all physical quantities may be located.