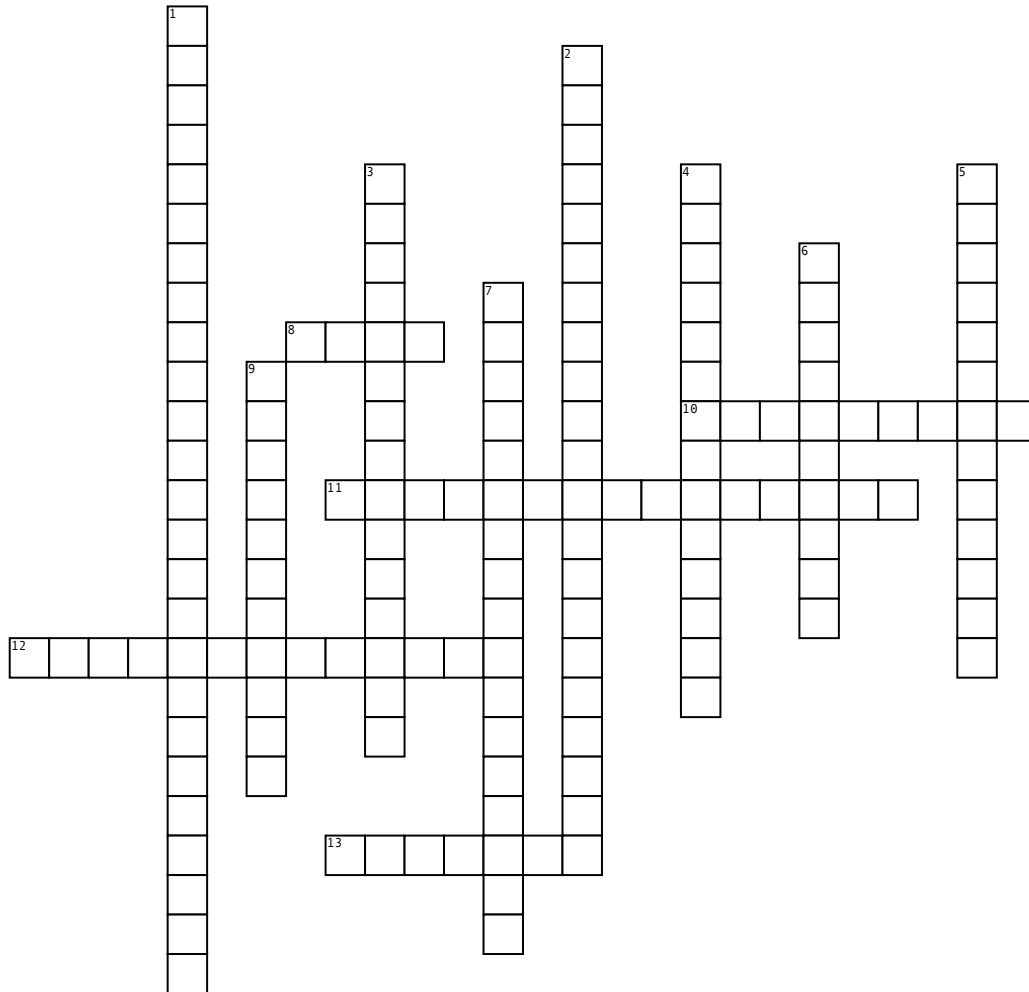


Name: _____

Date: _____

Period: _____

ILI-CHAPTER 30 VOCAB



Across

8. A spherical region where globular clusters are located

10. The study of the universe, its nature, origin, and evolution

11. Found in the halo, they bulge, they have a small trace of heavy elements

12. Clusters of galaxies that are organized into large groups

13. Starlike objects with emission lines in their spectra

Down

1. A noise caused by weak radiation

2. Highly energetic objects or activities are located in this area

3. In the disk and arms, they have small amounts of heavy elements

4. Measured in kilometers per second per megaparsec

5. The theory that the universe began as a point and has been expanding since

6. Thought to be made up of a form of a subatomic particle that reacts weakly with other matter

7. Has spiral regions of alternating density

9. Often giant elliptical galaxies that emit as much or more energy in radio wavelengths than they do in wavelengths of visible light

Word Bank

BIG BANG THEORY

COSMIC BACKGROUND RADIATION

SUPERCLUSTERS

SPIRAL DENSITY WAVE

HALO

COSMOLOGY

DARK MATTER

POPULATION 2 STAR

POPULATION 1 STAR

ACTIVE GALACTIC NUCLEUS

RADIO GALAXY

QUASARS

HUBBLE CONSTANT