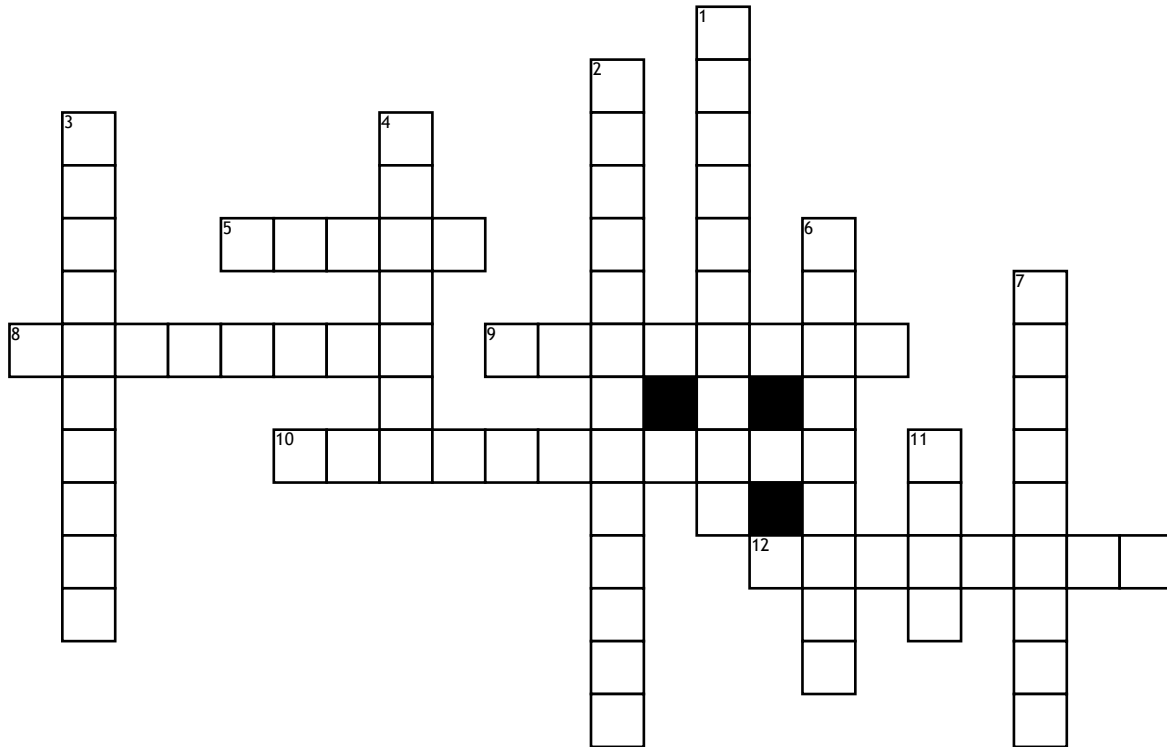


Name: _____

Date: _____

Milky Way



Across

5. How many phases are in the cosmic evolution?
8. What is advanced life forms into intelligence, culture, and technological civilization?
9. What is the evolution of those same elements into the molecular building blocks of life?
10. What is evolution of primal energy into elementary particles?

12. What is the evolution of atoms into galaxies and stars?

Down

1. What is molecules into life itself?
2. What can be used to estimate the total number of intelligent civilizations in our Galaxy, although a number of its factors are extremely uncertain?
3. Any two-way communication will take about how many years?

4. What is the evolution of stars into heavy elements?

6. What is the evolution of elements into solid, evolution rocky planets?
7. Dividing the population of the Milky Way by its present age gives you the rate of what?
11. What type of radio signal is used as another way to communicate with the outside world?