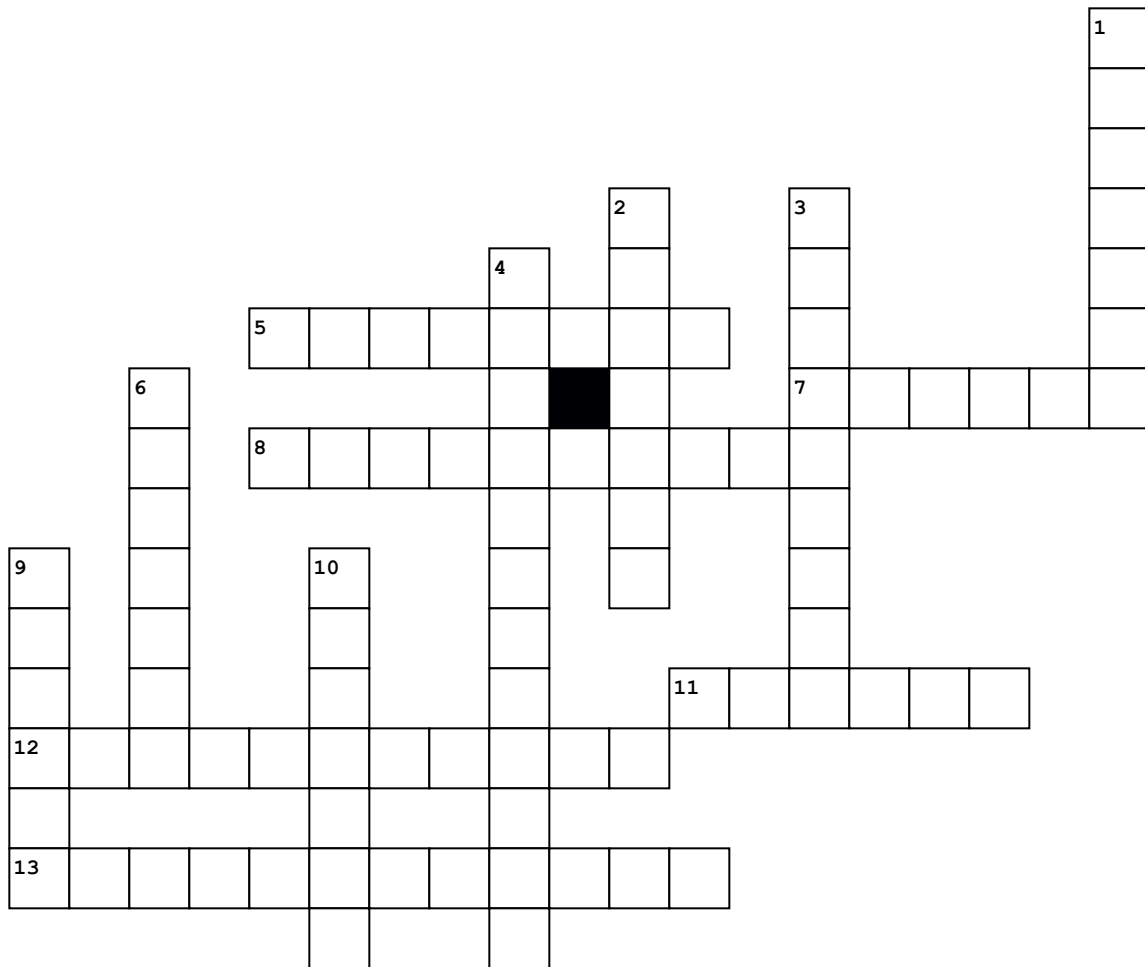


Big Bang Basics



Across

5. 75 percent of the visible universe is made up of _____ and 25 percent is helium.
7. The cyclic model indicates that our universe consists of _____ dimensions.
8. _____ is the mysterious force that scientists think is driving the universe's current accelerating expansion.
11. The discovery of the cosmic microwave background radiation was found because no matter where the telescope was pointed, astronomers received _____.
12. A point of infinite density and temperature is called a _____.
13. The universe is expanding at an _____ rate.

Down

1. The earliest stars began shining after 300 _____ years.
2. In the steady state theory, new particles were continually being _____.
3. How do heavier elements get spread throughout the universe?
4. The scientists that study the Big Bang theory are called _____.
6. The picture gotten by the Wilkinson Microwave Anisotropy Probe (WMAP) satellite shows the universe at 4.5 _____ years old.
9. After the universe underwent inflation, it was probably filled with a hot, dense _____.
10. Because you know that space is expanding, you can tell that the universe was once _____.