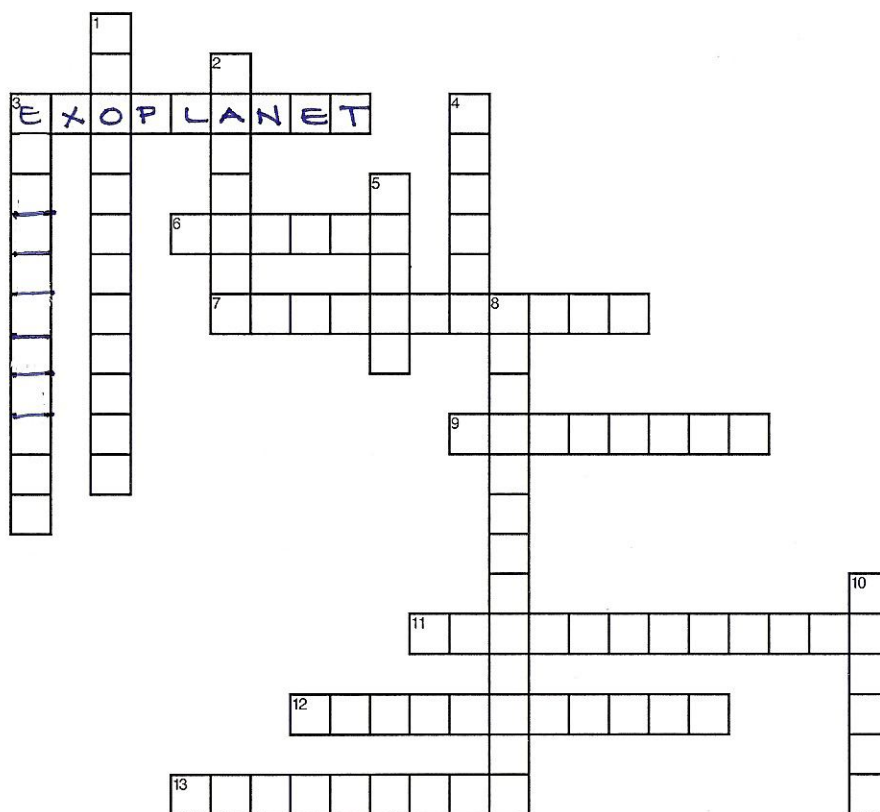


Crossword Science Spectrum 2008

Name _____ Date _____

Instructions: Complete the puzzle. Use the clues to help you fill the boxes with the correct words.



ACROSS

3. planetlike body that orbits a star other than the sun
6. the SI unit of pressure; equal to the force of 1 N exerted over an area of 1 m² (symbol, Pa)
7. the process in which a solid changes directly into a gas (the term is sometimes also used for the reverse process)
9. the amount of force exerted per unit area of a surface
11. the change of state from a gas to a liquid
12. a measure of how hot (or cold) something is; specifically, a measure of the average kinetic energy of the particles in an object
13. the resistance of a gas or liquid to flow

DOWN

1. the upward force that keeps an object immersed in or floating on a fluid
2. the laws that state the mathematical relationships between the volume, temperature, pressure, and quantity of a gas
3. the change of state from a liquid to a gas
4. in physical science, a state of matter that consists of free-moving ions and electrons