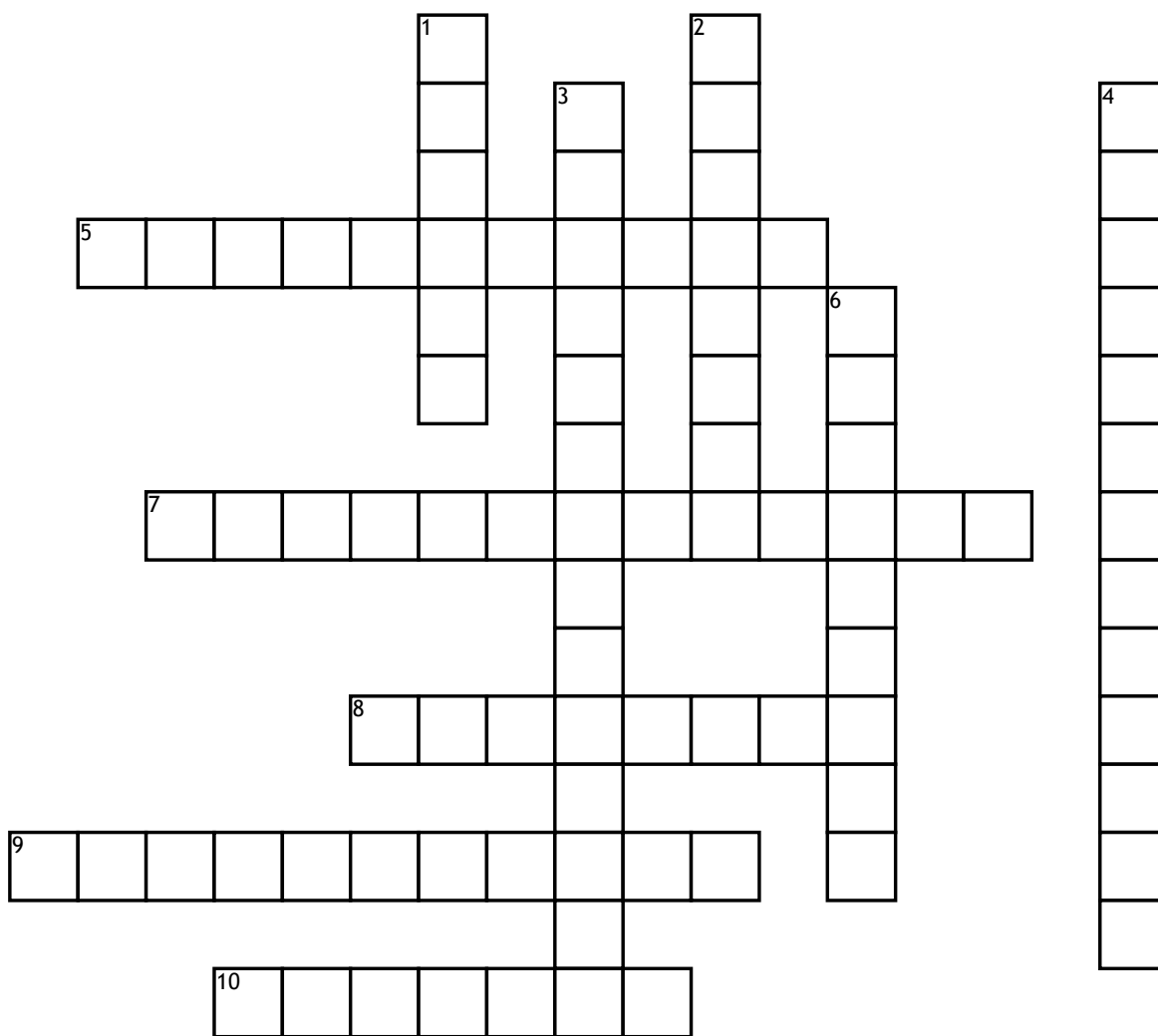


Name: _____

Date: _____

Environmental Science



Across

5. the energy produced by the flow and interaction of electrons
7. the energy that holds protons and neutrons together in the nucleus of an atom
8. rock that contains hydrocarbons; can be burned directly or processed to extract liquid petroleum
9. a type of mining in which layers of surface soil and rock are removed from large areas to expose the resource
10. a deposit of moist sand and clay that can be mined to extract bitumen, an oil-rich hydrocarbon

Down

1. the ability to do work or cause a change
2. the accidental melting of the uranium fuel rods inside the core of a nuclear reactor, causing the release of radiation
3. the conversion of the energy within an atom's nucleus to usable thermal energy by splitting apart atomic nuclei
4. a chemical compound derived from oil that is used to make plastics, detergents, and other products
6. a liquid fossil fuel made up mostly of hydrocarbons; the primary source of gasoline