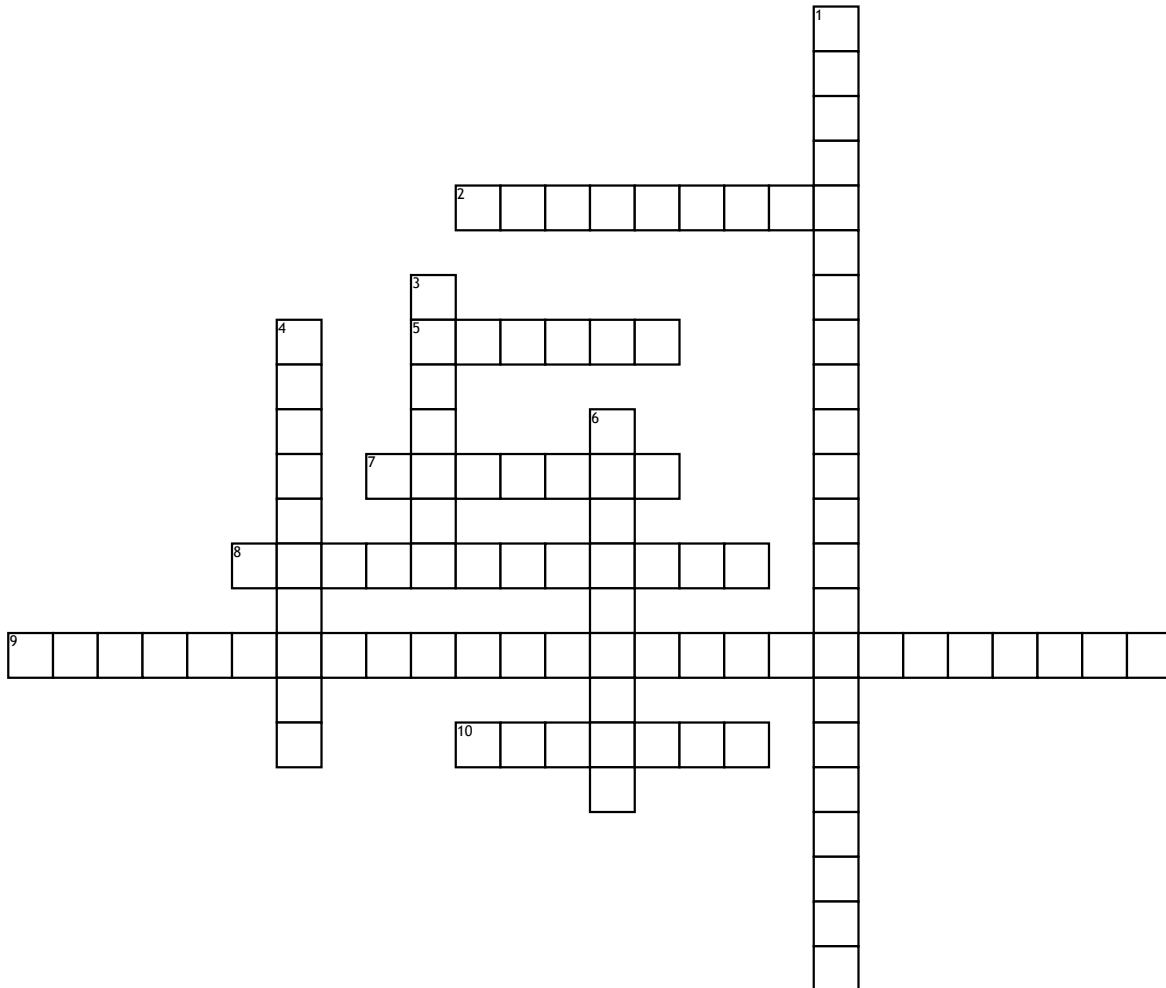


Name: _____

Polymers and Ceramics



Across

2. A crosslinked polymer usually molded and shaped beforehand
5. Negative non-metal ions
7. A large, usually chain like molecule that is made up of identical units that repeats itself.
8. Non-crystalline material with a ceramic composition
9. Monomers connected by a reaction where two molecules are covalently bonded to each other through a loss of water

10. A compound containing metallic & non-metallic elements formed by the action of heat.

Down

1. Coupling of monomers using their multiple bonds.
3. Positive metal ions
4. When polymers are disassembled into monomers
6. Cubic and _____ are the common unit cells for ceramic materials