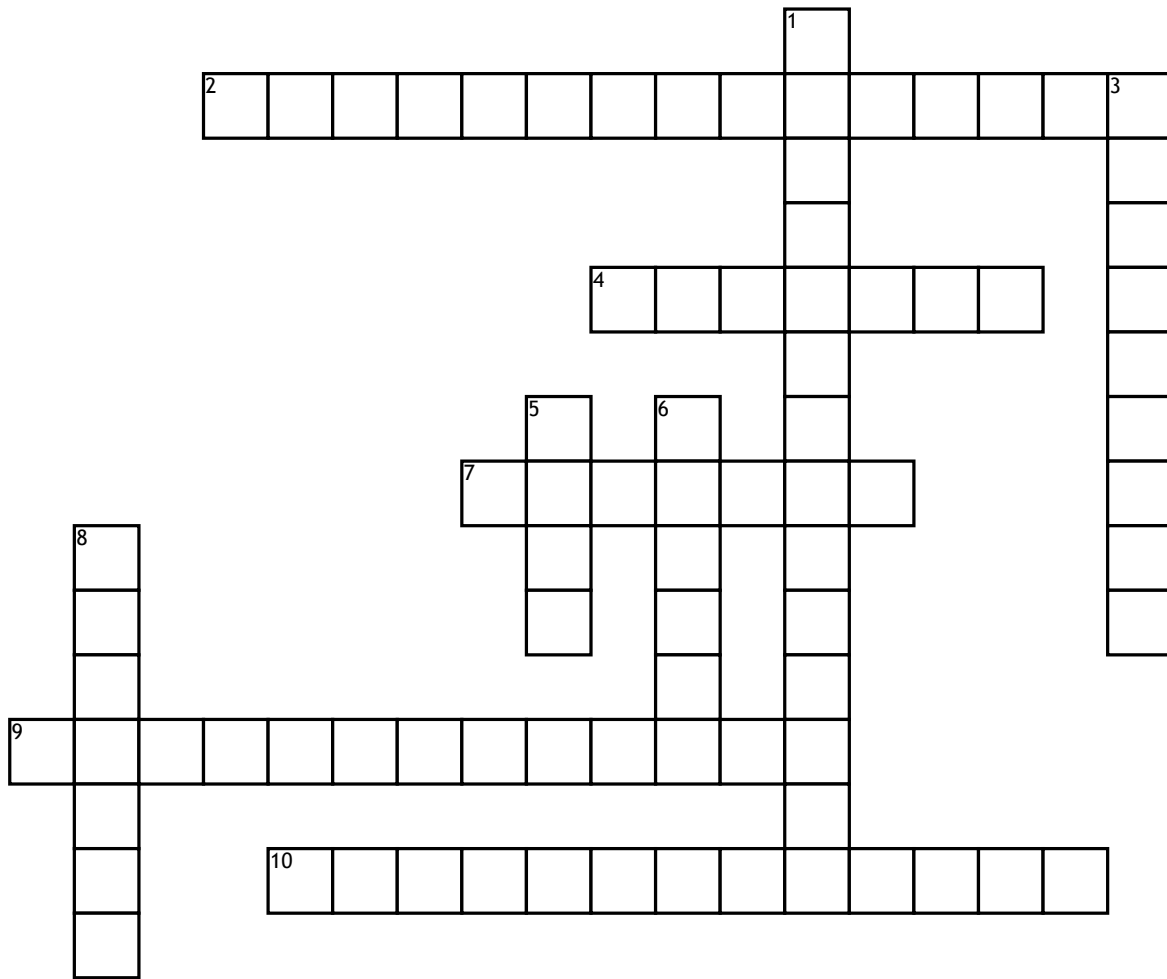


Name: _____

Photoelectric Absorption



Across

2. This knocks out electrons out of the inner shell
4. When the electron gets knocked out of the inner shell, it causes a _____
7. Atoms become _____ after being knocked out of inner shell
9. What is it called when an electron drops into the inner shell to fill the void?
10. What is the knocked out electron called?

Down

1. _____ photon = secondary radiation
3. Atoms from the outer shell drop into the inner shell in order for the atom to regain _____
5. Photoelectric absorption increases patient _____
6. Photoelectron is typically absorbed in 1-2 mm of soft _____
8. The incident photon's energy must be _____ than the binding energy of the inner shell electron