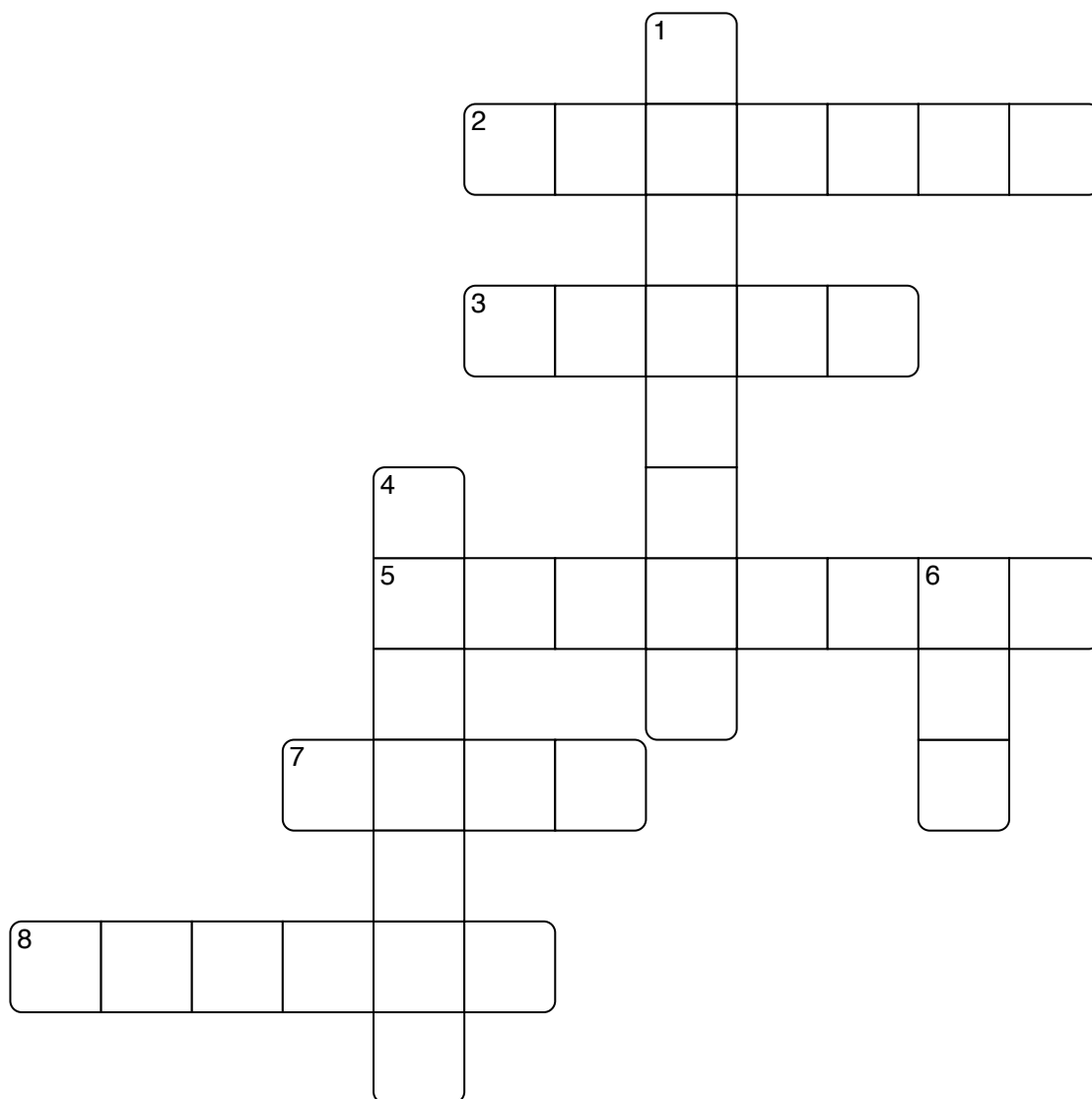


## Atomic Structure



### Across

2. The atoms as listed in the periodic table have equal numbers of electrons and protons and are therefore \_\_\_\_\_
3. When atoms achieve a full outer shell they satisfy this rule.
5. The smallest sub-atomic particle with a negative charge
7. The smallest particle of an element that one can still state is that element. It retains all its properties
8. The positive particle found in the nucleus

### Down

1. To find the number of neutrons one must \_\_\_\_\_ atomic number from atomic mass.
4. They have no charge.
6. The mass of a neutron