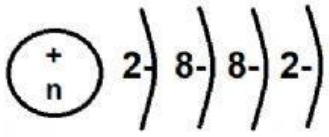
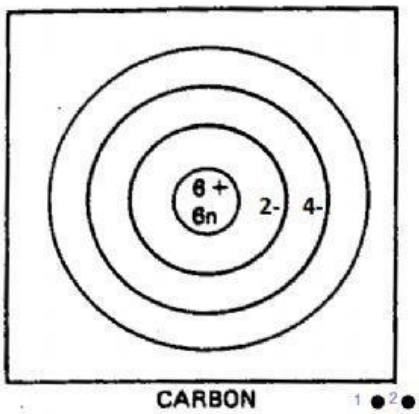
# MAKING ATOM MODELS

**Draw models of the atoms of the elements indicated in the squares below. The mass numbers and atomic numbers are given for each element. Represent protons with a + sign, neutrons with an n, and electrons with small circles on the rings that represent the energy levels. The model of a carbon atom has been completed for you as an example. Use only the energy levels that are necessary.**




You will need to check the dot diagrams using the picture link

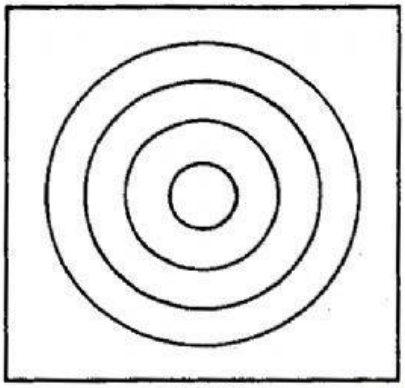



CARBON

Atomic number = 6
Mass number = 12

Protons____
Neutrons____
Electrons____
Family____
Period____

Dot Diagram: C

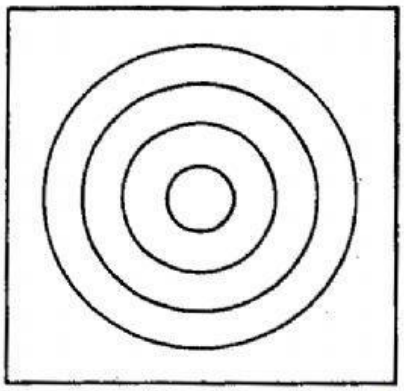


NEON

Atomic number = 10
Mass number = 20

Protons____
Neutrons____
Electrons____
Family____
Period____

Dot Diagram: Ne

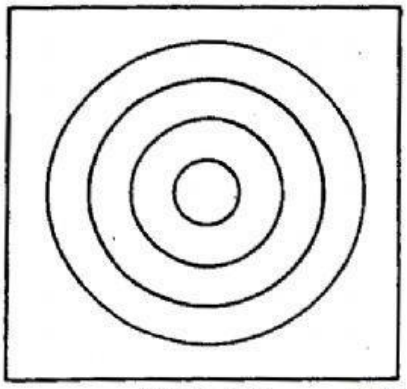


SODIUM

Atomic number = 11
Mass number = 23

Protons____
Neutrons____
Electrons____
Family____
Period____

Dot Diagram: Na

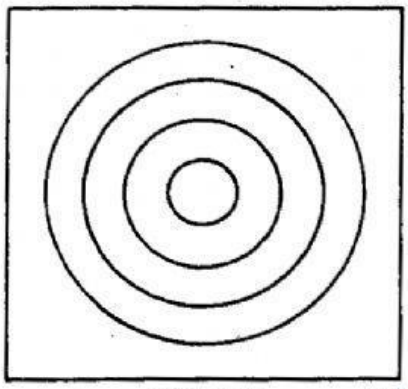


CHLORINE

Atomic number = 17
Mass number = 35

Protons____
Neutrons____
Electrons____
Family____
Period____

Dot Diagram: Cl

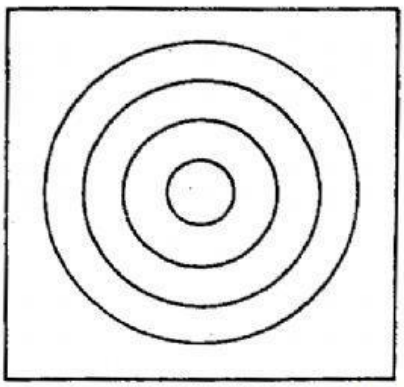


OXYGEN

Atomic number = 8
Mass number = 16

Protons____
Neutrons____
Electrons____
Family____
Period____

Dot Diagram: O



MAGNESIUM

Atomic number = 12
Mass number = 24

Protons____
Neutrons____
Electrons____
Family____
Period____

Dot Diagram: Mg