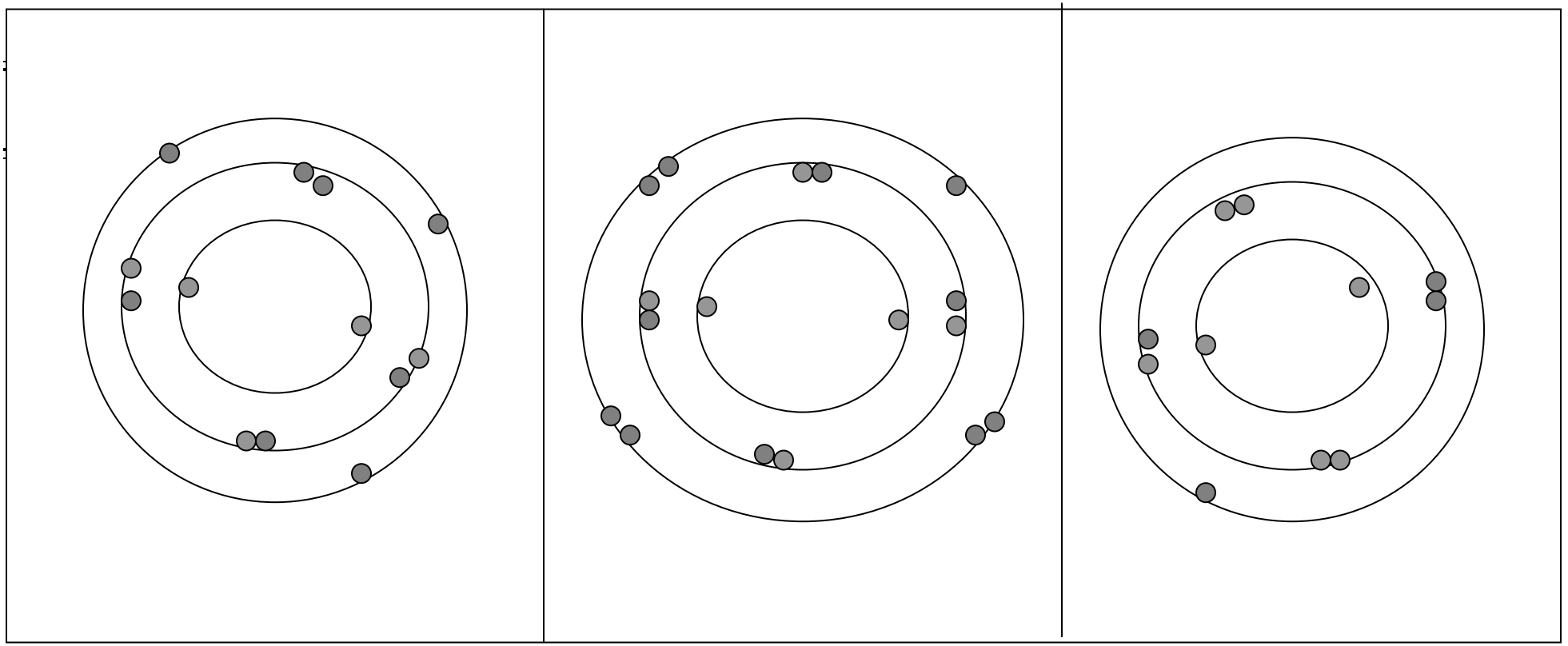
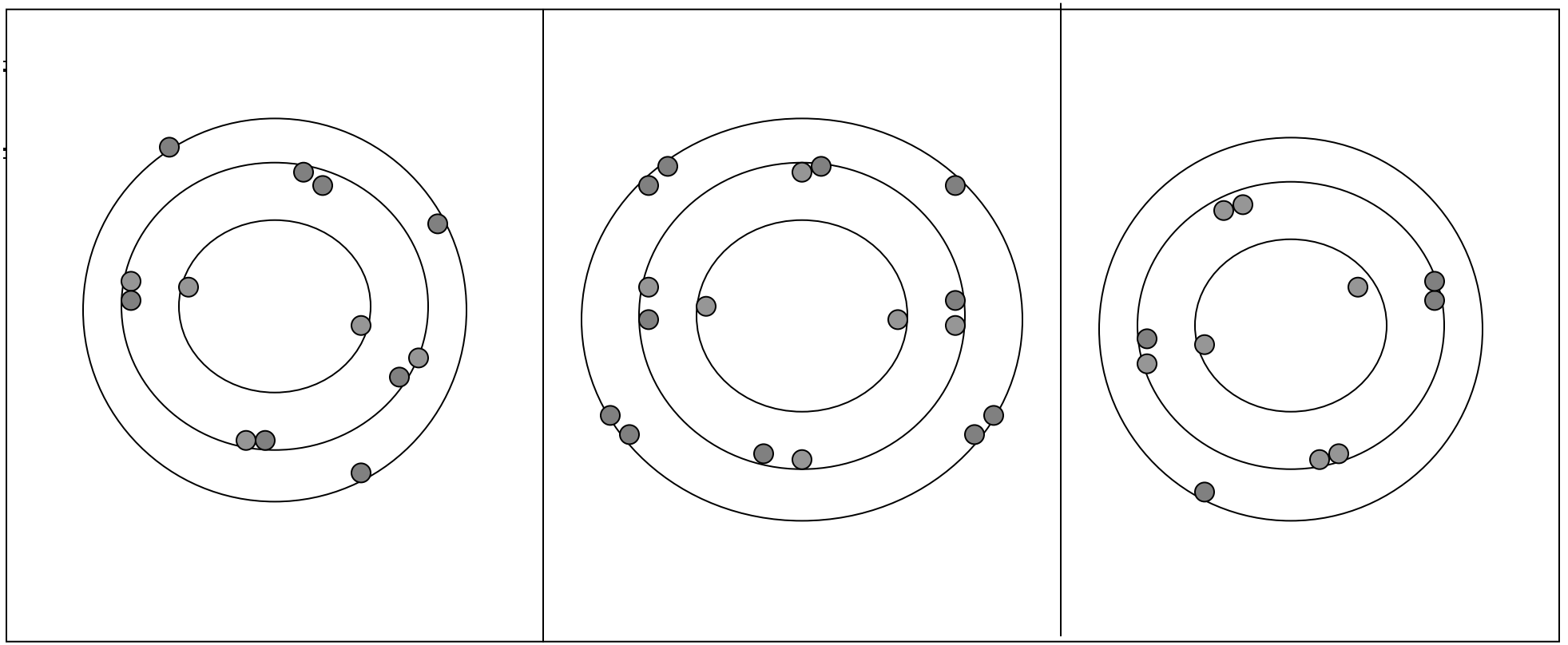
MatchCard Science© Chemistry - 4

Give the chemical symbol, atomic number, and electron configuration for the following elements: sodium, chlorine, and aluminum.



MatchCard Science© Chemistry - 4

Give the chemical symbol, atomic number, and electron configuration for the following elements: sodium, chlorine, and aluminum.



ALUMINUM	CHLORINE	SODIUM
Al	Cl	Na
13	17	11

Draw 3 circles on the paper plate models to represent the electron level. The first level is filled with two electrons. The second and third levels are filled with eight electrons each. Once the inner electron level is filled, the next electrons go to the next level until it is filled. Write the numbers 2, 8, and 8 on the circles to identify the number of electrons in each level.

Chemistry 4 Information Pieces

SODIUM C-4
CHLORINE C-4
ALUMINUM C-4
Na C-4
Cl
Al C-4
11 C-4
13 C-4
17 C-4

To Make Your MatchCard more durable:

1. *Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
2. *Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
3. *For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*