



A Shortcut: As you can probably see, for large elements the BR diagram would get very cumbersome. We often use a shortened form of the BR diagram. You do not worry about pairing electrons or drawing dots. Instead:

- draw the nucleus as usual
- put partial circles to the right, and write the number of electrons for each orbit on the circles

For Lithium:

Try drawing both types of Bohr Rutherford diagrams for aluminum below.

Homework: Draw BR diagrams for elements 1,2,3,5,8,10,11,14,17. Try element 19!