

IONIC BONDING WORKSHEET 2

1. Draw orbital notation for a lithium ATOM.
2. Draw orbital notation for a lithium ION.
3. Draw orbital notation for a fluorine ATOM.
4. Draw orbital notation for a fluoride ION.
5. Draw orbital notation for a potassium ATOM.
6. Draw orbital notation for a potassium ION.
7. Draw orbital notation for a calcium ATOM.
8. Draw orbital notation for a calcium ION.
9. Draw orbital notation for a magnesium ATOM.
10. Draw orbital notation for a magnesium ION.
11. Draw orbital notation for a sodium ATOM.
12. Draw orbital notation for a sodium ION.
13. Draw orbital notation for a chlorine ATOM.
14. Draw orbital notation for a chloride ION.
15. Draw orbital notation for an oxygen ATOM.
16. Draw orbital notation for an oxide ION.

17. Draw orbital notation for a sulfur ATOM.
18. Draw orbital notation for a sulfide ION.
19. Show the formation of a compound of lithium and chlorine using orbital notation.
20. Show the formation of a compound of potassium and oxygen using orbital notation.
21. Show the formation of a compound of magnesium and fluorine using orbital notation.
22. Show the formation of a compound of calcium and sulfur using orbital notation.
23. Show the formation of a compound of sodium and chlorine using orbital notation.