



### Topic 3 EXERCISE 1 – dot-cross diagrams

Draw dot-cross diagrams for the following compounds:

1. NaCl
2. MgCl<sub>2</sub>
3. Na<sub>2</sub>O
4. MgO

Draw dot-cross diagrams for the following compounds:

5. Cl<sub>2</sub>
6. NH<sub>3</sub>
7. CH<sub>4</sub>
8. AlCl<sub>3</sub>
9. CO<sub>2</sub>
10. H<sub>2</sub>O

Draw dot-cross diagrams for the following compounds:

11. H<sub>2</sub>SO<sub>4</sub>
12. HNO<sub>3</sub>
13. NaNO<sub>3</sub>
14. NH<sub>4</sub>Cl
15. NH<sub>3</sub>AlCl<sub>3</sub>

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