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Chem!stry Class:
Date: / /

Dot-and-Cross Diagrams to Represent the Structures of Compounds – Foundation

Draw dot-and-cross (• and ×) diagrams to show the arrangement of the electrons, and hence the bonding, in the following compounds. There is no need to draw the inner electron shells – draw the valence electron shells only. Remember to include a key in your answer.

Sodium Chloride – Formula:	Water – Formula:
Magnesium Oxide – Formula:	Ammonia – Formula:
Potassium Sulfide – Formula:	Methane – Formula:

- Scan the QR code given below for the answers to this assignment.



http://www.chemist.sg/chemical_bonding/dot_cross_diagrams/dot_cross_foundation_ans.pdf

- Once you have completed this assignment, scan the QR code given below to try the **Dot-and-Cross Diagrams to Represent the Structures of Compounds – Intermediate** level worksheet.



http://www.chemist.sg/chemical_bonding/dot_cross_diagrams/dot_cross_intermediate_qu.pdf