1. One element has atoms with 13 electrons.  
   a Draw a diagram to show the electron distribution.  
     
     
     
     
     
     
   b Write the electron distribution in this form: 2+ …

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c Name the element.

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1. The electron distribution for boron is 213. What is it for:  
   **a** lithium? **b** magnesium? **c** hydrogen?

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1. An element has 5 valency electrons. Which group is it in?

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1. How many electron shells do atoms of Period 3 have?

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1. The element krypton, Kr, is in Group 0, Period 4. Its proton number is 36.  
   a Write down the electronic configuration for krypton.

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b What can you say about the reactivity of krypton?

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