1. a What is a covalent compound?

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b Give five examples, with their formulae.

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1. Draw a diagram to show the bonding in a molecule of:  
   a methane b water
2. How do the atoms gain stable outer shells, in ammonia?  
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3. Draw a diagram to show the   
   bonding in carbon dioxide.

1. Why is the carbon dioxide molecule straight, and not bent like the water molecule?  
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