

## WHAT IS FORMED WHEN LARGE ALKANES ARE CRACKED? (continued)

### RESULTS

In the space below write down what you see (and smell) as the paraffin vapour is passed over the hot pumice (or aluminium oxide).

**Compare the bromine water in Well F6 with that in Well F5**

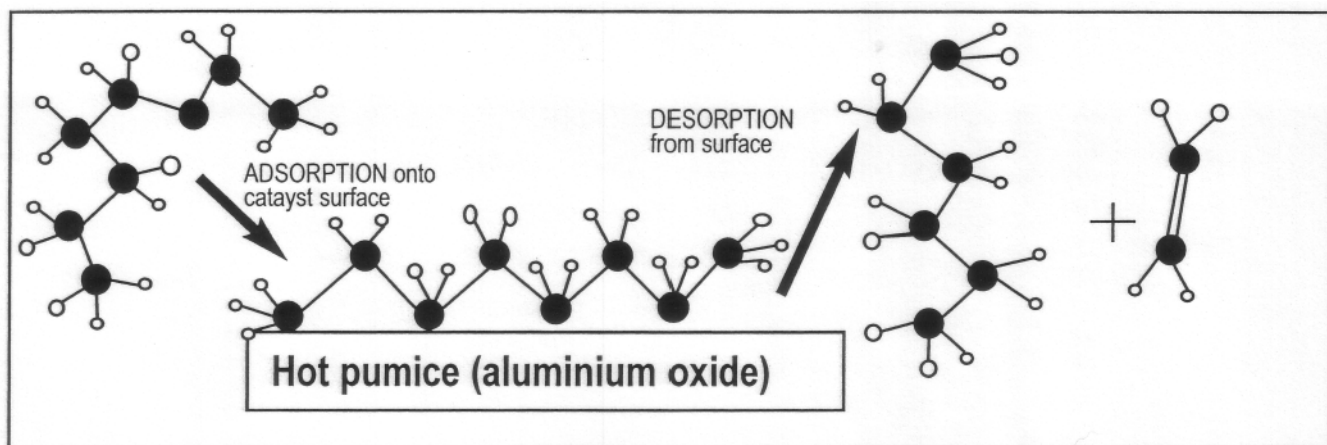
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### CONCLUSIONS

Using the diagram below, explain what happens to the paraffin oil vapour as it passes over the hot pumice

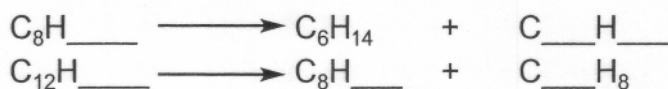



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Complete the following equations:



Why is cracking an example of thermal decomposition?

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Why is cracking economically important?

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