**2.1.1 Introduction to Organic Chemistry - alkanes**

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| **Name** | **Molecular Formula** | **Empirical Formula** | **Structural Formula** | **Displayed Formula** | **Skeletal Formula** |
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1. Explain the shape of alkane molecules around each bond and give the bond angle.
2. Deduce the percentage composition of methane, butane and decane and comment on how the percentage composition varies
3. Deduce the general formula of alkanes