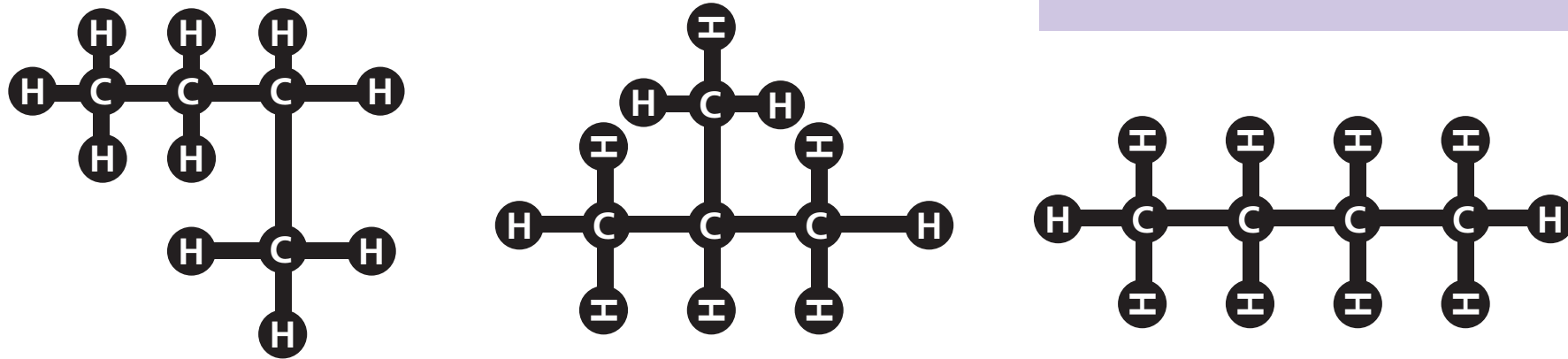


Many simple molecules of **hydrogen and carbon** are **liquids and gases** that we extract from the earth and then **refine for fuel**.

Each of these **molecules** has the same chemical formula **C_4H_{10}**

...but there are two different isomers.



Two are butane. One is isobutane. Which is which?

How many *isomers* of **C_5H_{12}** and **C_6H_{14}** can you find?

Molecules which have the same chemical formula but a different structure, are called **ISOMERS**