

## Writing Full Structural Formulae

Task 1

Watch the video and when prompted, use page 9 of the data booklet to help you complete the table.

Prefix	No. Of Carbon Atoms	Layout of Carbon Chain
meth		
eth		
prop		
but		
pent		
hex		
hept		
oct		

When shown in the video, complete the column to show the layout of the carbon atoms within the molecule.

Task 2

Molecule	No. Carbon Atoms	Full Structural Formulae



### Task 3

Now that you have completed writing the full structural formulae of the first eight members of the alkane family, use the guidance from the video to help you write the molecular formulae for each molecule.

Molecule	Molecular Formulae