

Solutions

Each answer shows the steps, then the **result**.

2.1

- names ending in -ol are **alcohols**

2.2

- prop-** means **three** carbon atoms

3.1 B

- the ending **-ene** shows **ethene** is an alkene
- A is an alkane; C an alcohol; D a carboxylic acid

3.2

(a)

- a 2-carbon alcohol is **ethanol**

(b)

- a 1-carbon alkane is **methane**

(c)

- a 2-carbon carboxylic acid is **ethanoic acid**

3.3

- the number shows the **position of the C=C**
- the double bond can be in **different places**, giving different compounds