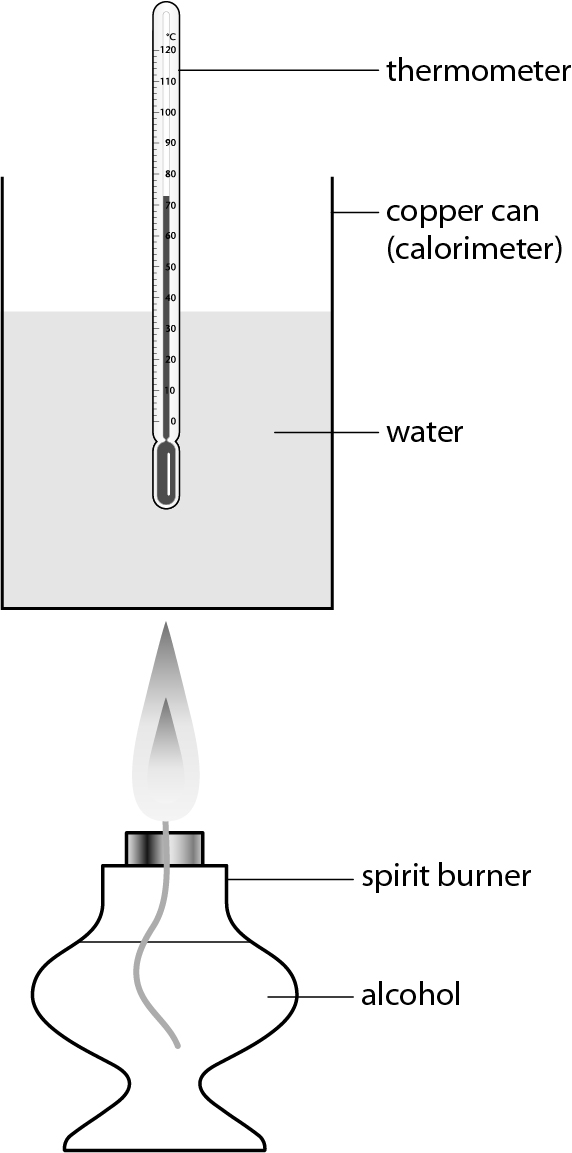
Name Date

Worksheet 12.2: Burning alcohol practical

Consider the following practical experiment: Burning an alcohol to calculate the amount of heat energy per mole (enthalpy change) given out by the alcohol.



**1** What measurements will need to be taken to calculate this?

**2** What assumptions will you need to make when working out the enthalpy of combustion   
for an alcohol?

**3** What are the random errors for this practical?

**4** What are the systematic errors for this practical?