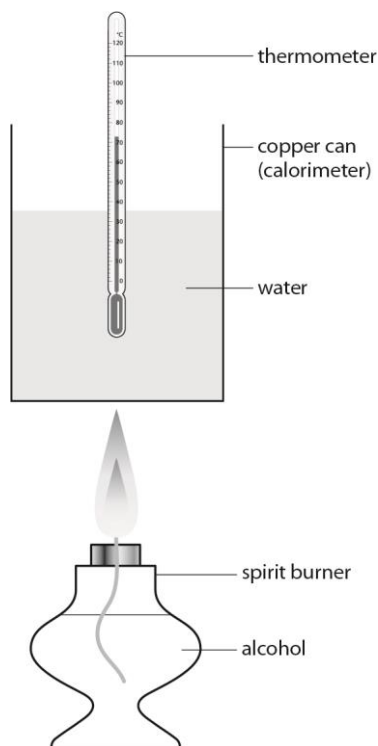


Name \_\_\_\_\_ Date \_\_\_\_\_

## 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?

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

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

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

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