Bond Enthalpy calculations (Level 2) examiners tips

• A common student error is rushing these calculations and leaving out bonds eg the C - H bonds

• Also using an incorrect bond enthalpy value eg C - H instead of C = H

• C to O atoms in CO2 have a double bond O = C = O

• To avoic errors draw sketches showing type and number of bonds before doing the calculation.

• Practise makes perfect, the more calculations you do, the easier these type of questions become.

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