Fermentation (Level 1) exam tips

**•** Fermentation is the breakdown of sugar into alcohol and carbon dioxide

**•** Conditions required are a warm, anaerobic environment (without oxygen, so in a closed container)

**•** Yeast must be used as a catalyst (to speed up the reaction)

**•** Methanol andethanol are one of the many ALCOHOLS

**•** General word equation for fermentation: glucose 🡪 alcohol + carbon dioxide + ENERGY

**•** Producing ethanol: C6H12O6 🡪 2C2H5OH + 2CO2 + ENERGY

**•** Uses of alcohols are as fuels and in alcoholic beverages/drinks

Also…”don’t be daft”

Realise thatalcohol is a PRODUCT of fermentation  
RTQ2 (read the question twice)  
Are you asked to write a word or symbol equation?

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