



# Explain to a Friend...

What does collision theory say about how reactions happen?

How can you increase the rate of a chemical reaction?

What is a catalyst and how does it affect reactions?

What does it mean if a reaction is reversible?

What is crude oil and how is it separated by fractional distillation?

What's the difference between alkanes and alkenes?

What is cracking and why is it useful in industry?

What are functional groups and why are they important in organic chemistry?

How can flame tests be used to identify metal ions?

What is chromatography and how does it separate substances?

What was Earth's early atmosphere like and how did it change?

How have carbon dioxide levels changed over time and why?

What is the greenhouse effect and how does it cause climate change?

What causes acid rain and how can it be reduced?

What's the difference between finite and renewable resources?

What is a life cycle assessment and how is it used?





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