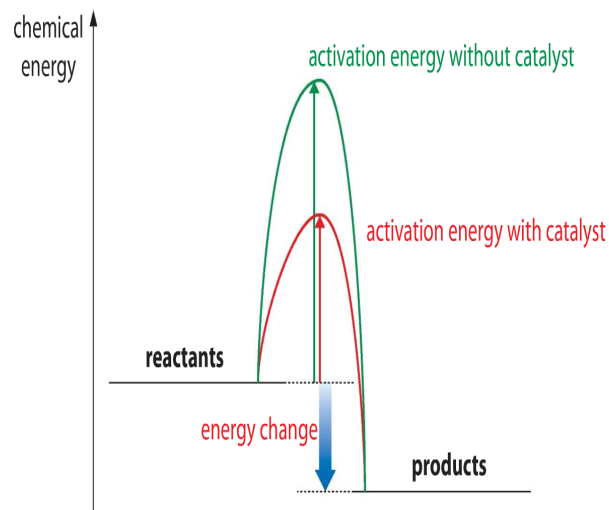


## C5 - Energy Changes—Exothermic and Endothermic Reactions.

Define **activation energy**.

What is a **catalyst**?

How does a catalyst affect the activation energy.



Give an everyday use of an exothermic reaction.

Give an everyday use of an exothermic reaction.

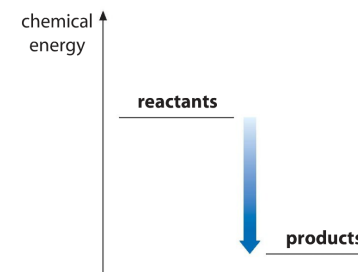
Define **exothermic** reaction.

Give 2 examples of exothermic reactions.

Define **endothermic** reaction.

Give 2 examples of endothermic reactions.

**Energy Level Diagram (Reaction Profile)**



Look at the diagram above. Does the diagram represent an exothermic or endothermic reaction?

How do you know?

Describe how you would measure the temperature change of a reaction. Include a diagram.