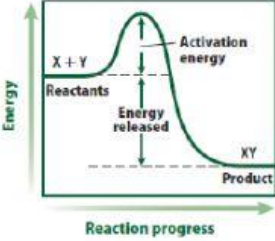
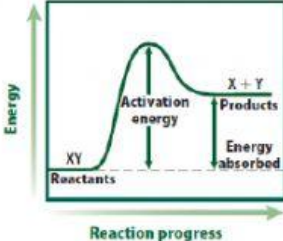


Activity Worksheet: Energy in Chemical Reactions

Watch the video and compare what happens to energy in **exothermic and endothermic** reactions by completing the diagram below:

<div style="text-align: center;"><div style="border: 1px solid black; border-radius: 50%; width: 150px; height: 40px; background-color: yellow; margin: 0 auto; display: flex; align-items: center; justify-content: center;">Exothermic Reaction</div><div style="margin: 10px 0;">↓</div><p>During the reaction, energy is</p><hr style="border: 0; border-top: 1px solid black; margin: 10px 0;"/><div style="text-align: center; margin: 10px 0;">↓</div><p>As a result, the energy of product is _____ than the energy of reactants.</p></div> <div style="text-align: center; margin-top: 20px;"><div style="display: flex; justify-content: center; margin-top: 10px;"><div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div><div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div></div></div>	<div style="text-align: center;"><div style="border: 1px solid black; border-radius: 50%; width: 150px; height: 40px; background-color: blue; color: white; margin: 0 auto; display: flex; align-items: center; justify-content: center;">Endothermic Reaction</div><div style="margin: 10px 0;">↓</div><p>During the reaction, energy is</p><hr style="border: 0; border-top: 1px solid black; margin: 10px 0;"/><div style="text-align: center; margin: 10px 0;">↓</div><p>As a result, the energy of product is _____ than the energy of reactants.</p></div> <div style="text-align: center; margin-top: 20px;"><div style="display: flex; justify-content: center; margin-top: 10px;"><div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div><div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div></div></div>
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