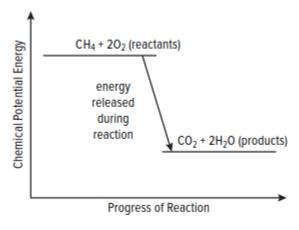
Use the graph below and Topic 3.2 to answer the questions that follow.



 $CH_4(g) + 2O_2(g) \rightarrow CO_2(g) + 2H_2O(g) + energy$

1. Are the reactants or the products higher in chemical potential energy?

2. Is energy released or absorbed in this reaction?

3. Is the reaction exothermic or endothermic?