Alresala bilingual school
Science department
Chemistry I
Grade 10/Q3

Q1 : Classify the following statements to endothermic reactions or exothermic reactions .

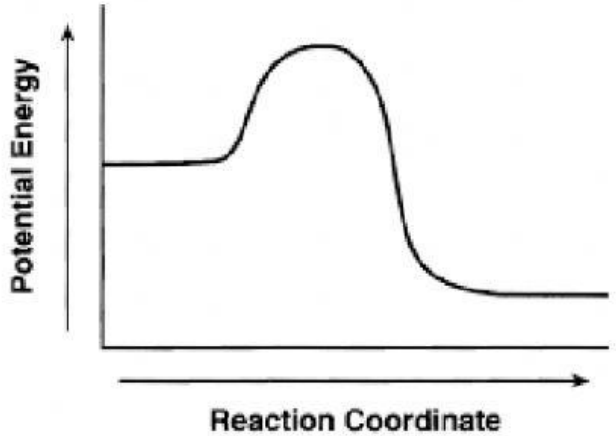
a. The reaction absorbs heat .

b. The amount of enthalpy change is – 140 Kj

c. $H_2 + N_2 \rightarrow NH_3 + 500Kj$

d. The energy of reactants is larger than the energy of the products .

Q2: study the following graphs and answer the questions .



A. Label the previous graph .

B. Which type of reaction does it represent it . explain your answer .

C. Does it release or absorb energy ?

Q3 : hydrogen gas reacts with Oxygen gas to produce water and 70 Kj of heat , write the equation of the chemical reaction