

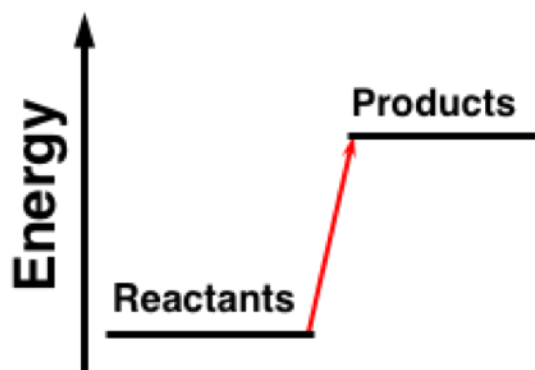
Which One Doesn't Belong – Energy and Chemical Reactions

Question Group 1

Question 1

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."

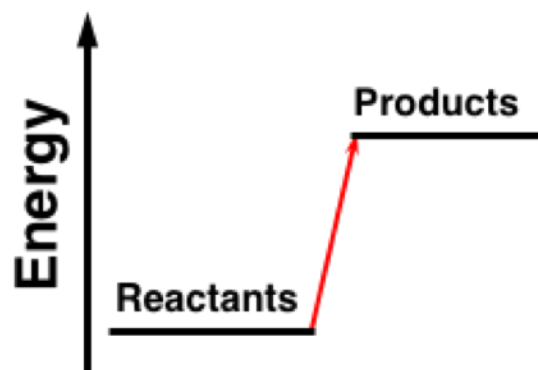


**"The temperature
of the
surroundings
decrease."**

Question 2

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."



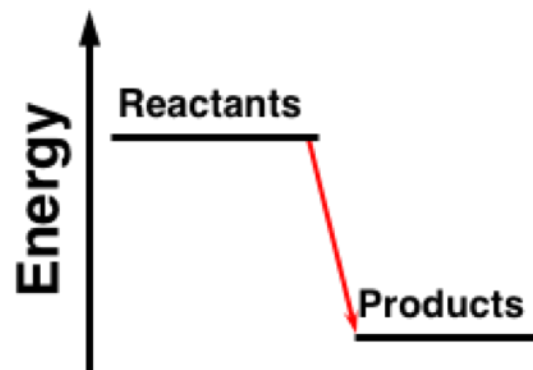
**"The temperature
of the
surroundings
increase."**

Question 3

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."

**"The temperature
of the
surroundings
decrease."**



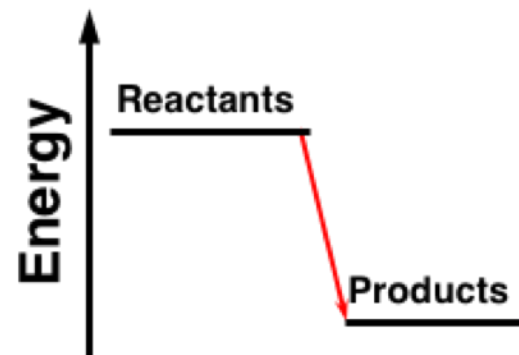
Question Group 2

Question 4

One of these representations is not like the others. Which one doesn't belong?

"The reaction is endothermic."

**"The temperature
of the
surroundings
decrease."**

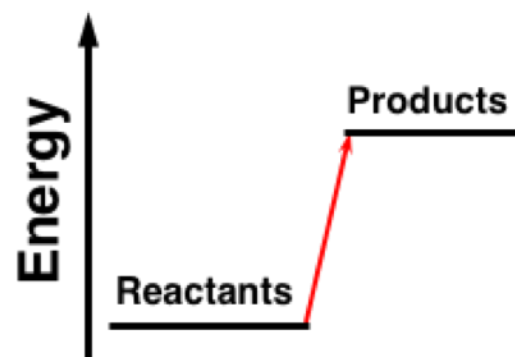


Question 5

One of these representations is not like the others. Which one doesn't belong?

"The reaction is endothermic."

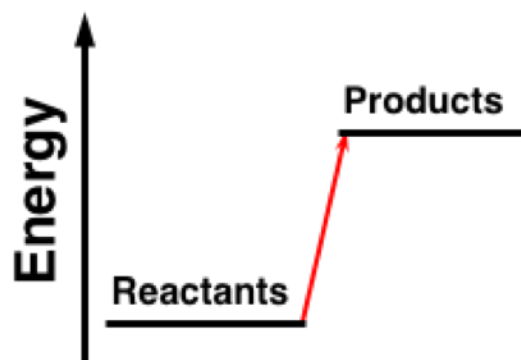
**"The temperature
of the
surroundings
increase."**



Question 6

One of these representations is not like the others. Which one doesn't belong?

"The reaction is endothermic."



**"The temperature
of the
surroundings
increase."**

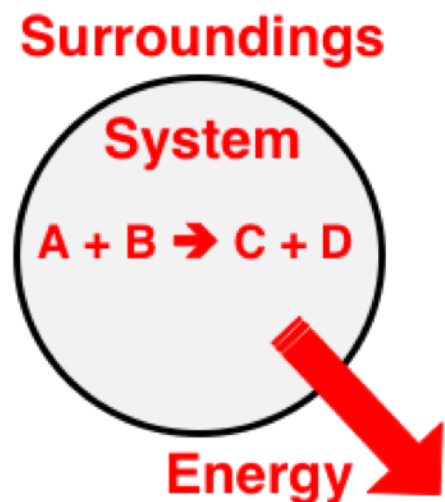
Question Group 3

Question 7

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."

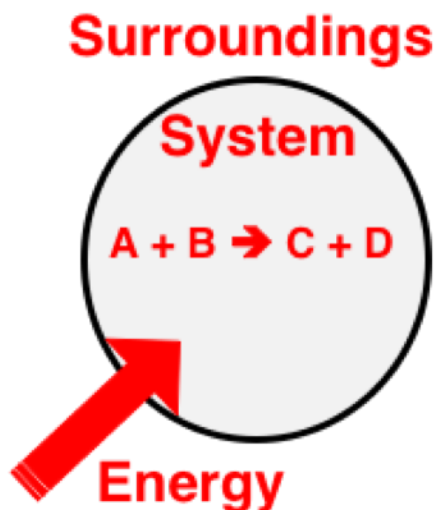
**"Heat is
absorbed
from the
surroundings."**



Question 8

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."

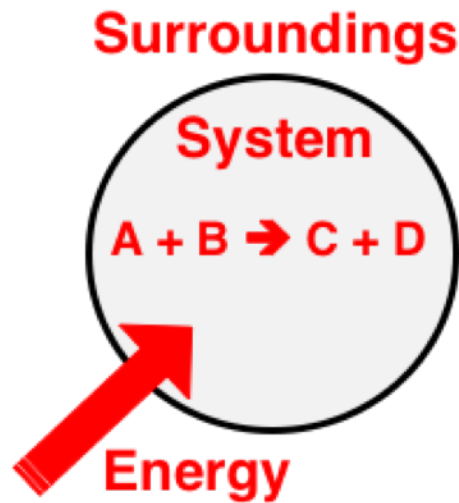


**"Heat is
released
to the
surroundings."**

Question 9

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."



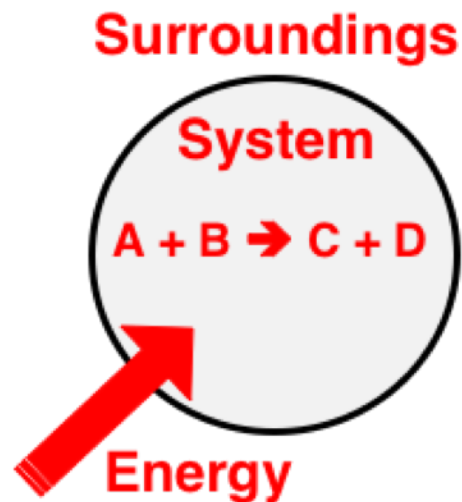
**"Heat is
absorbed
from the
surroundings."**

Question Group 4

Question 10

One of these representations is not like the others. Which one doesn't belong?

"The reaction is endothermic."



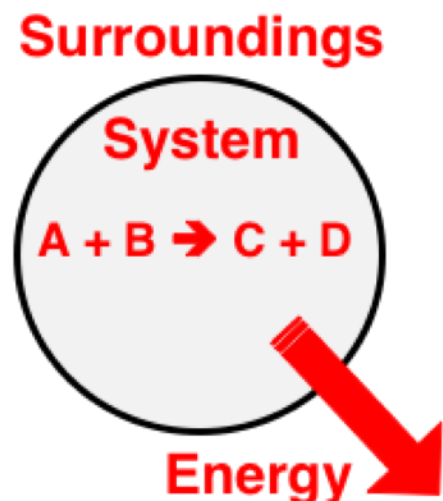
**"Heat is
released
to the
surroundings."**

Question 11

One of these representations is not like the others. Which one doesn't belong?

"The reaction is endothermic."

**"Heat is
absorbed
from the
surroundings."**

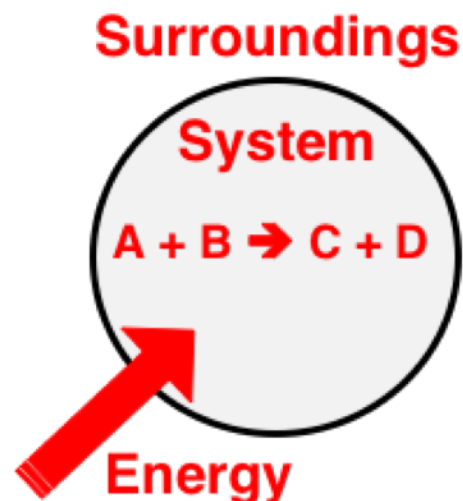


Question 12

One of these representations is not like the others. Which one doesn't belong?

"The reaction is endothermic."

**"Heat is
released
to the
surroundings."**

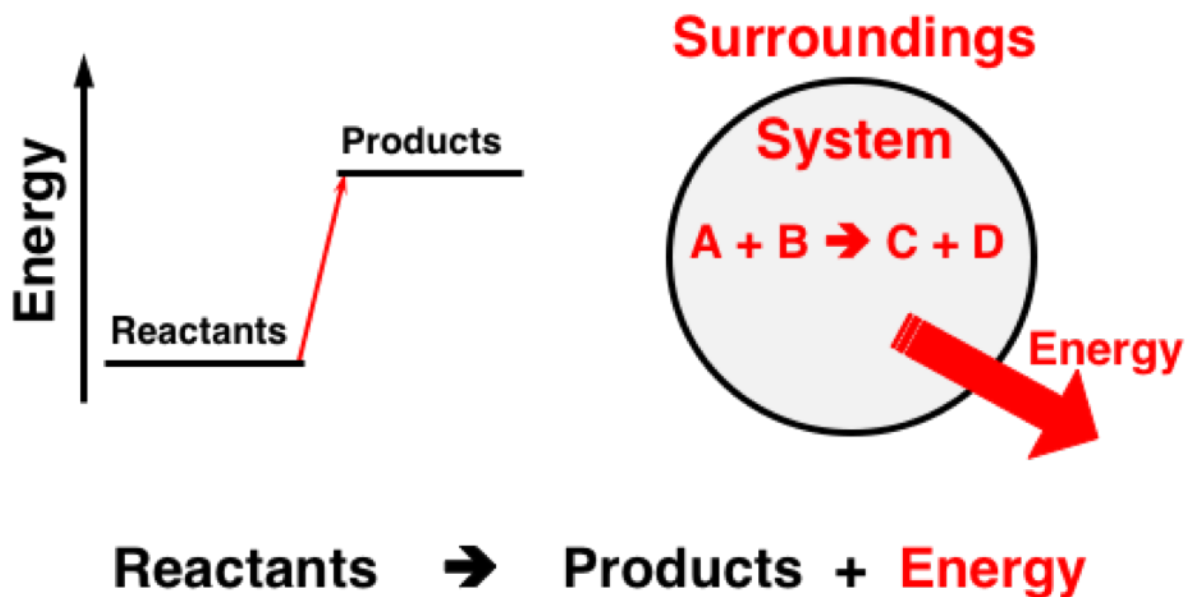


Question Group 5

Question 13

One of these representations is not like the others. Which one doesn't belong?

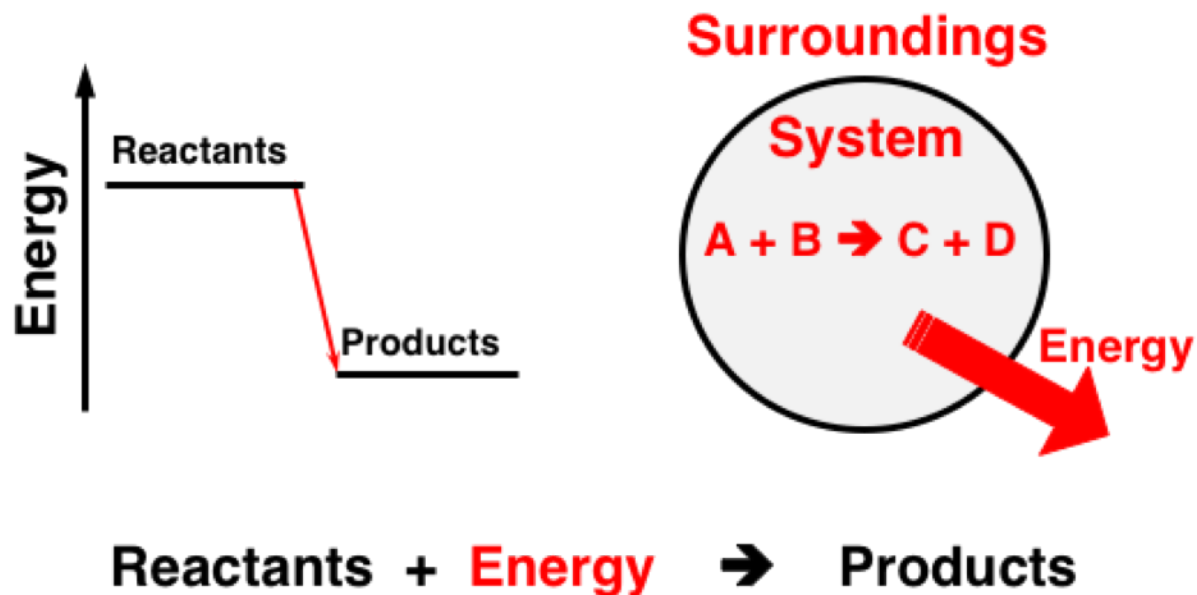
"The reaction is exothermic."



Question 14

One of these representations is not like the others. Which one doesn't belong?

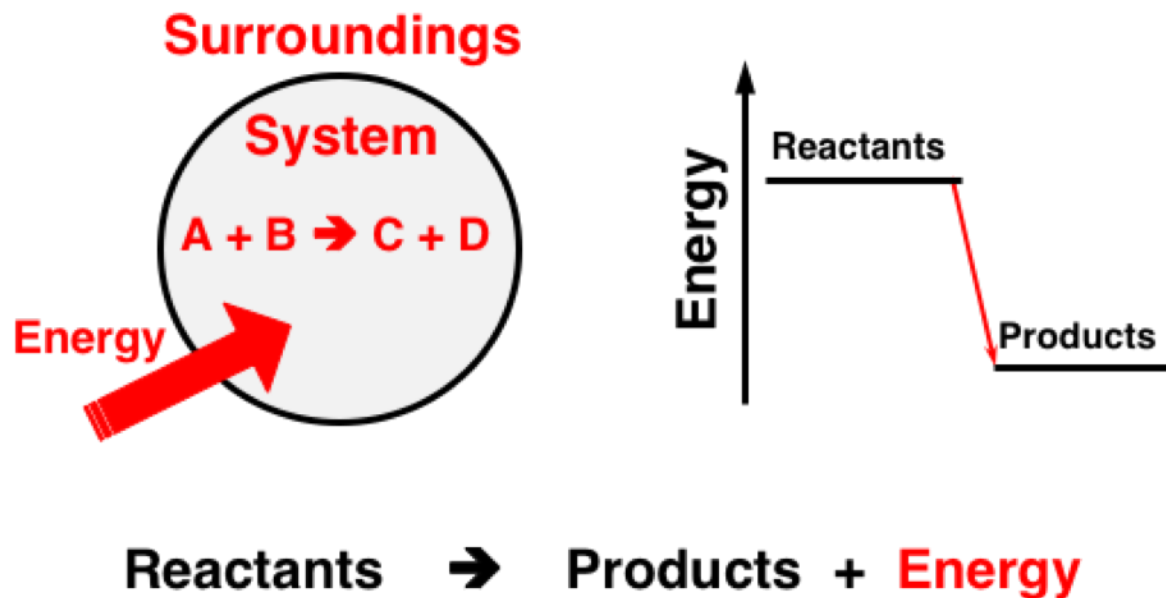
"The reaction is exothermic."



Question 15

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."

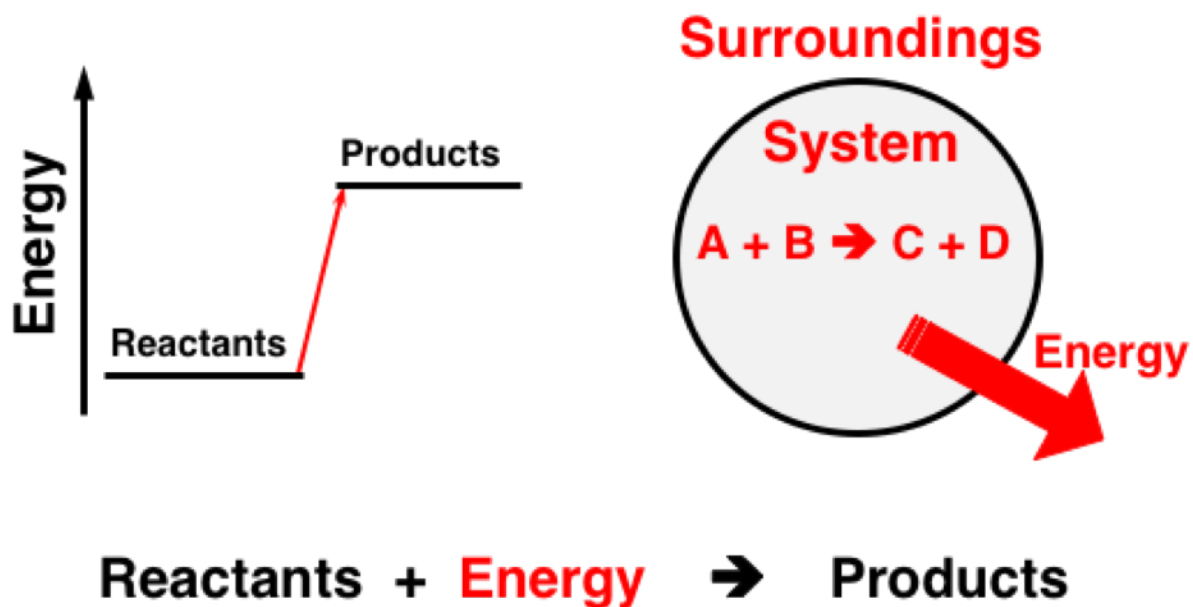


Question Group 6

Question 16

One of these representations is not like the others. Which one doesn't belong?

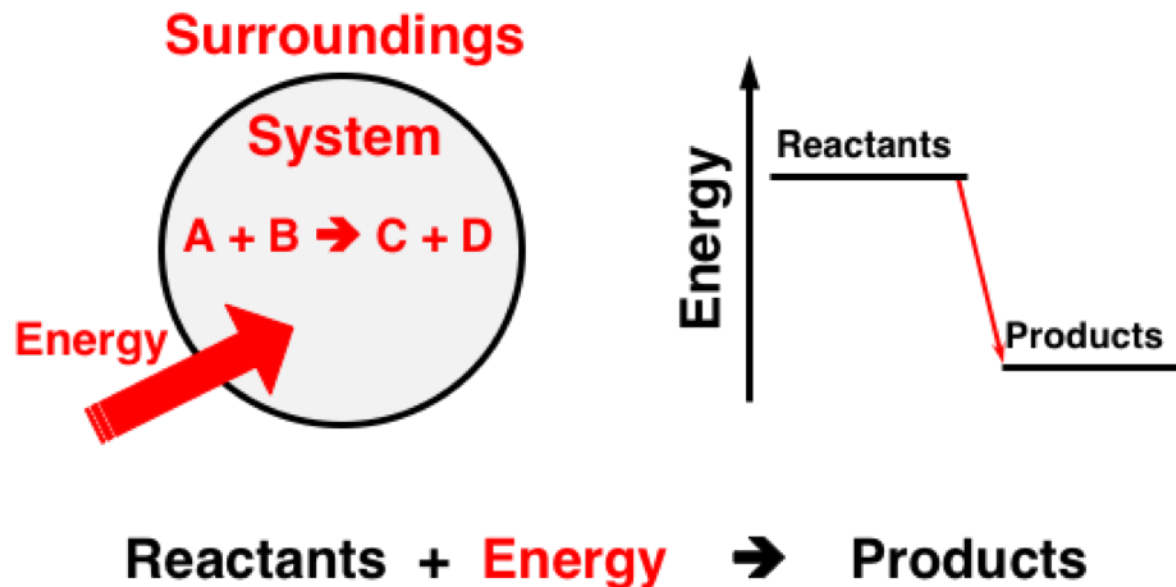
"The reaction is endothermic."



Question 17

One of these representations is not like the others. Which one doesn't belong?

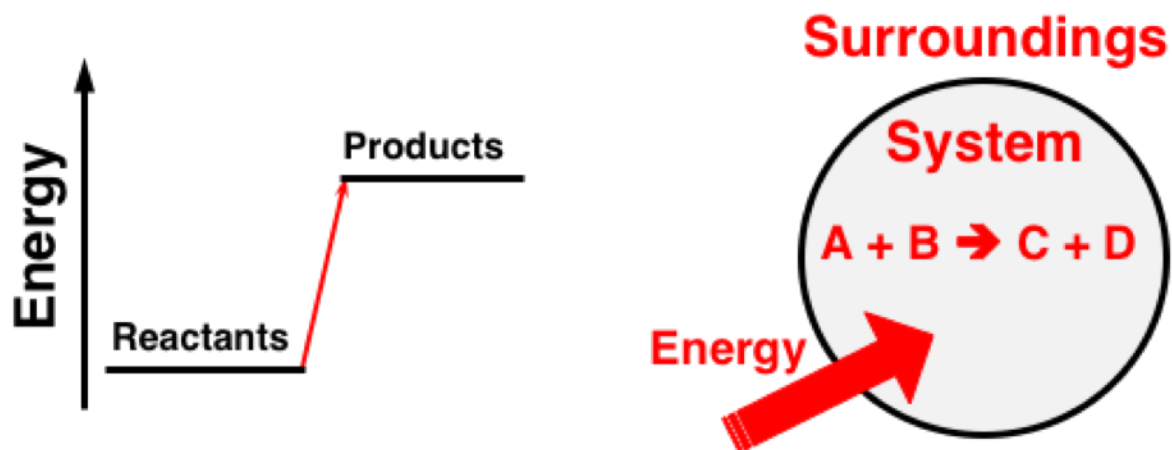
"The reaction is endothermic."



Question 18

One of these representations is not like the others. Which one doesn't belong?

"The reaction is endothermic."

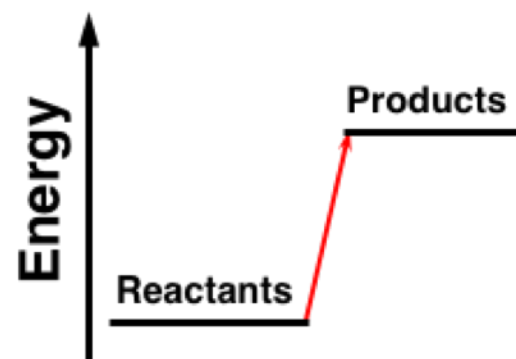
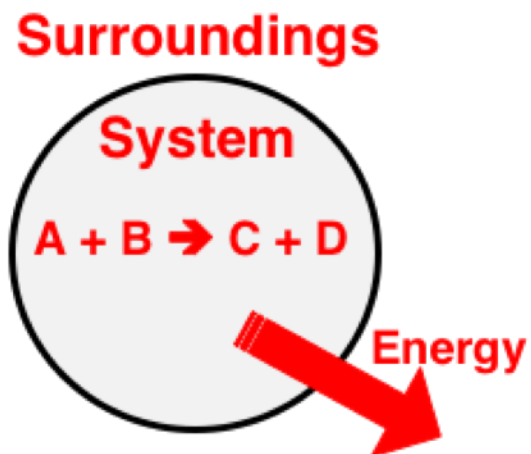


Question Group 7

Question 19

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."



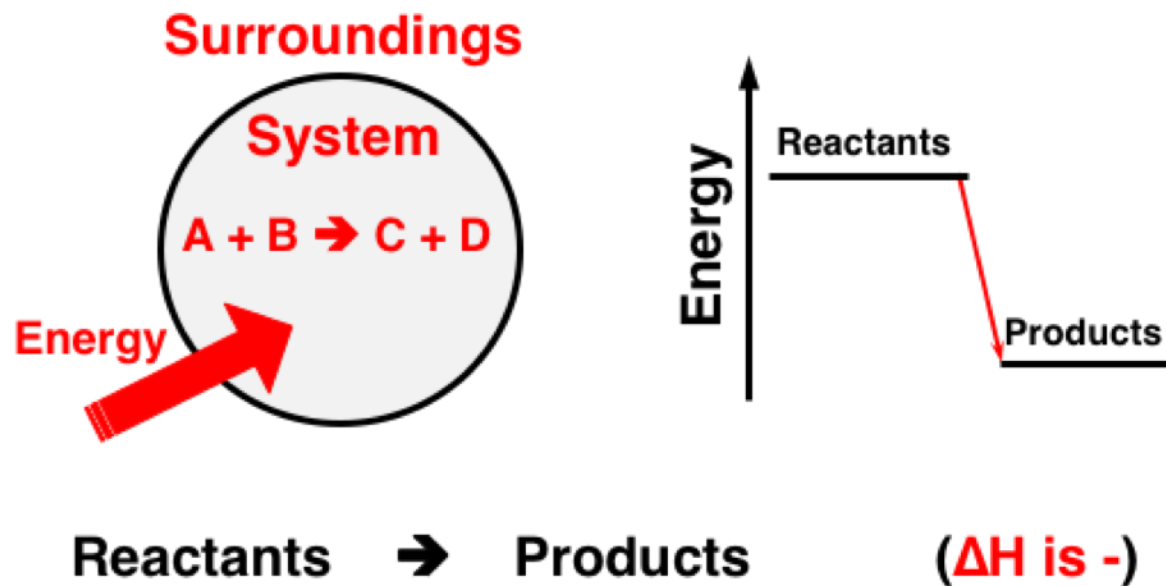
Reactants → Products

(ΔH is -)

Question 20

One of these representations is not like the others. Which one doesn't belong?

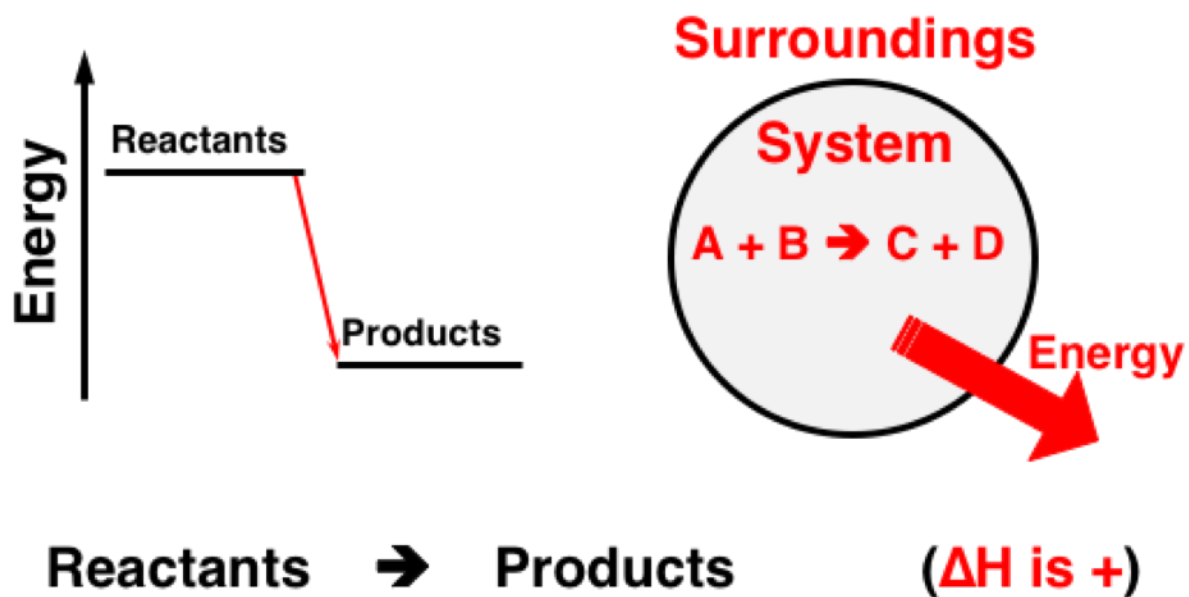
"The reaction is exothermic."



Question 21

One of these representations is not like the others. Which one doesn't belong?

"The reaction is exothermic."

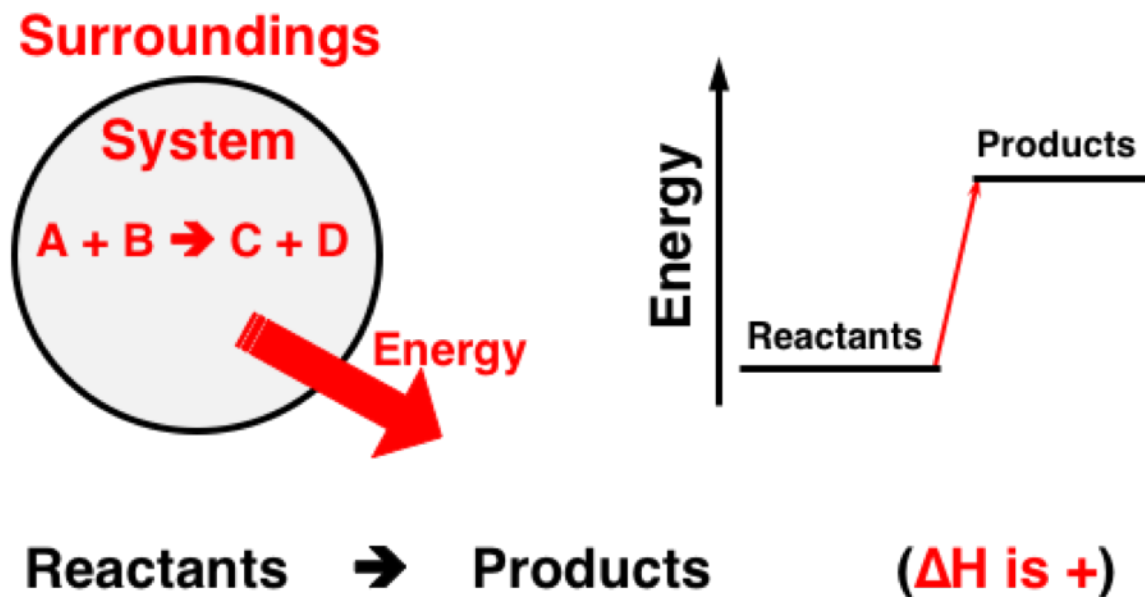


Question Group 8

Question 22

One of these representations is not like the others. Which one doesn't belong?

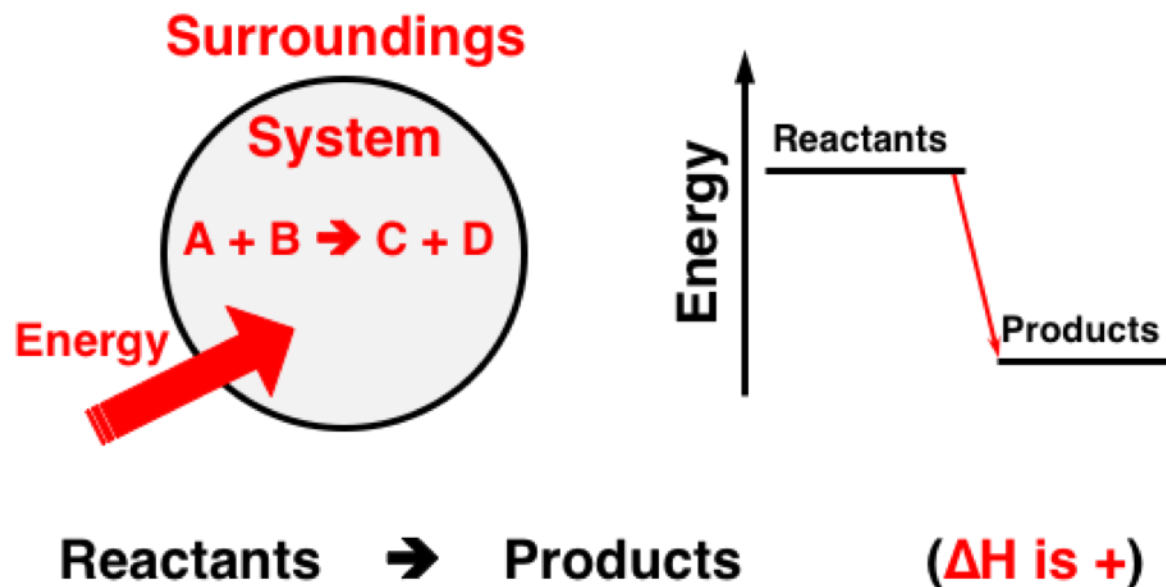
"The reaction is endothermic."



Question 23

One of these representations is not like the others. Which one doesn't belong?

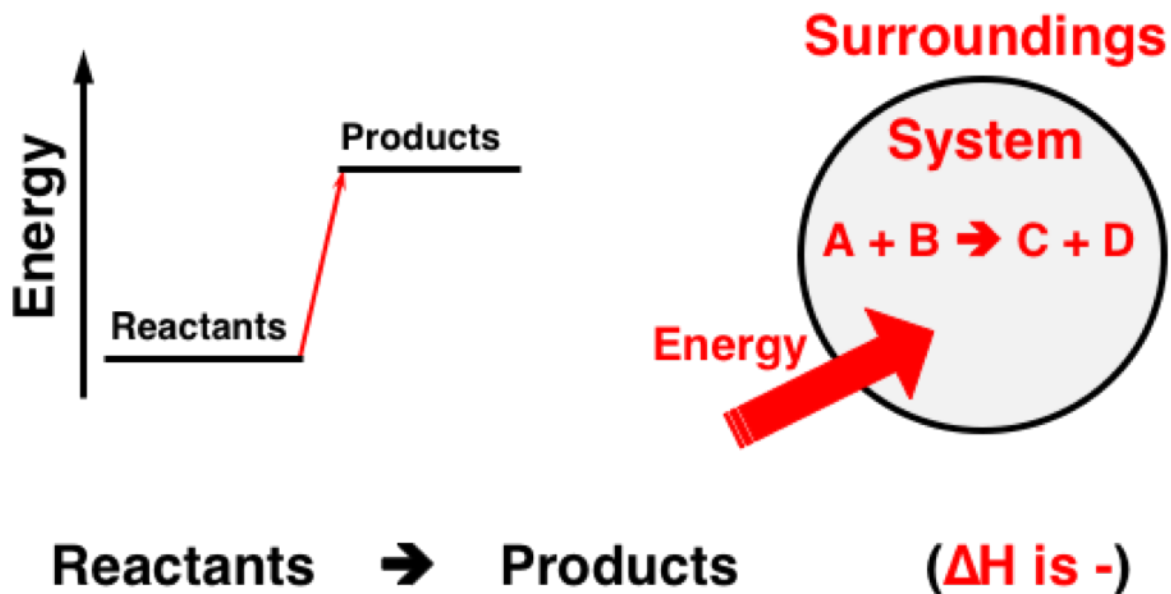
"The reaction is endothermic."



Question 24

One of these representations is not like the others. Which one doesn't belong?

"The reaction is endothermic."

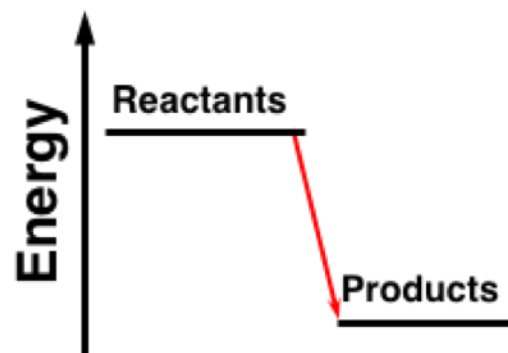
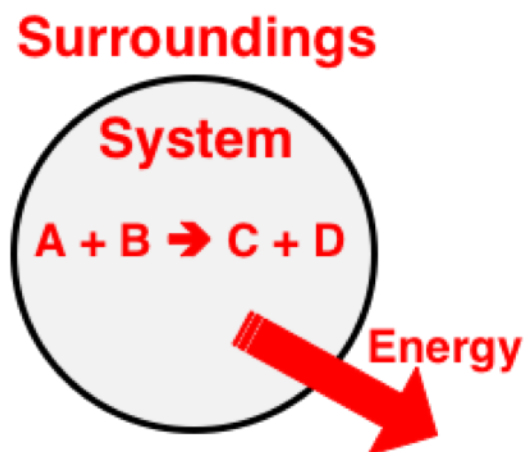


Question Group 9

Question 25

One of these representations is not like the others. Which one doesn't belong?

Reactants \rightarrow Products (ΔH is -)

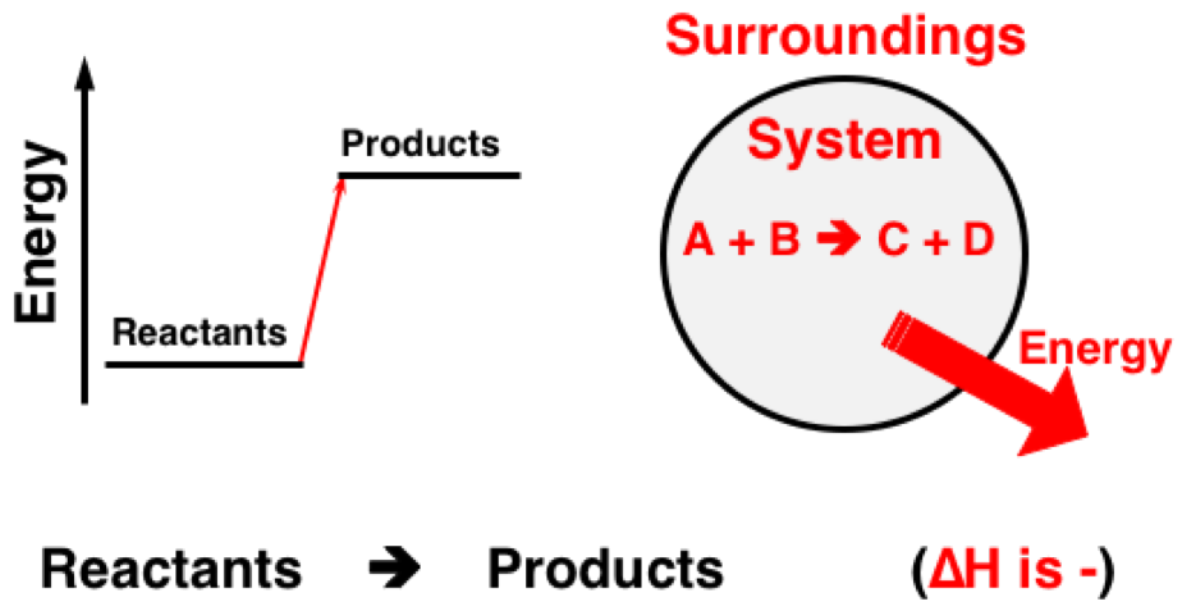


"Heat is absorbed from the surroundings."

Question 26

One of these representations is not like the others. Which one doesn't belong?

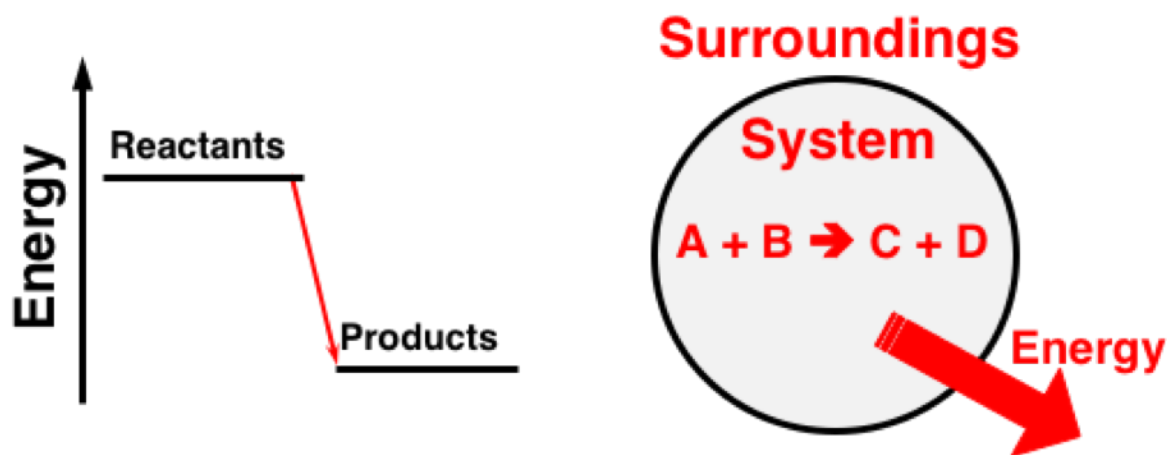
"Heat is released to the surroundings."



Question 27

One of these representations is not like the others. Which one doesn't belong?

Reactants → Products (ΔH is +)



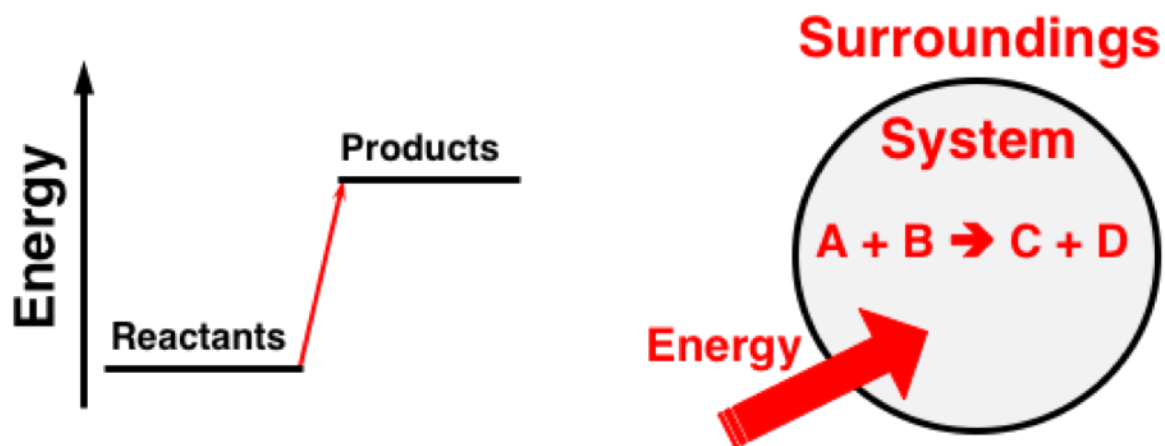
"Heat is released to the surroundings."

Question Group 10

Question 28

One of these representations is not like the others. Which one doesn't belong?

Reactants \rightarrow Products (ΔH is -)

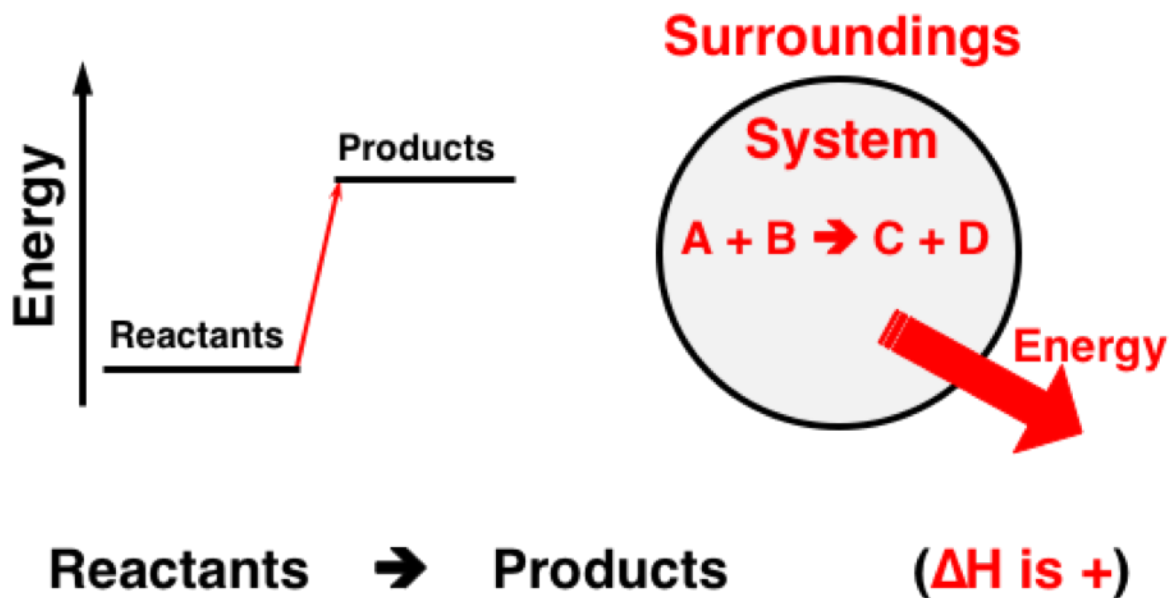


"Heat is absorbed from the surroundings."

Question 29

One of these representations is not like the others. Which one doesn't belong?

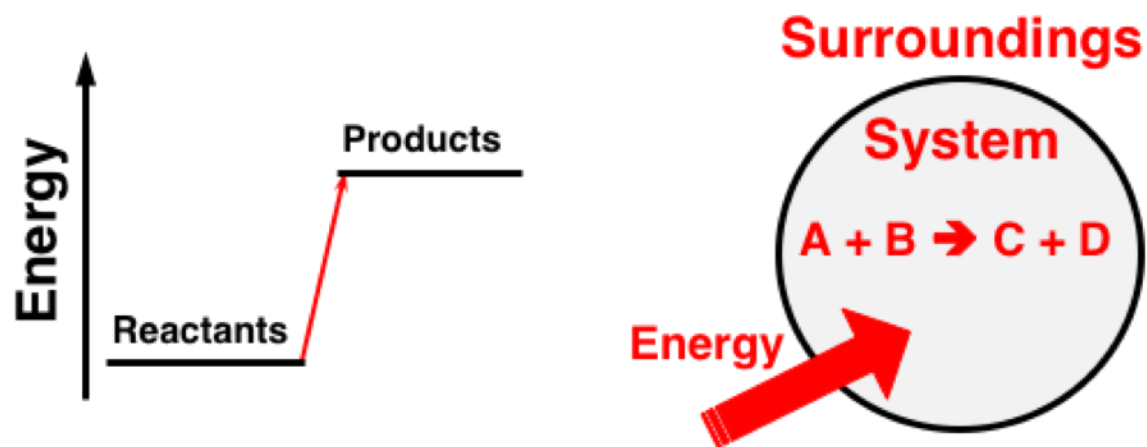
"Heat is absorbed from the surroundings."



Question 30

One of these representations is not like the others. Which one doesn't belong?

Reactants → Products (ΔH is +)



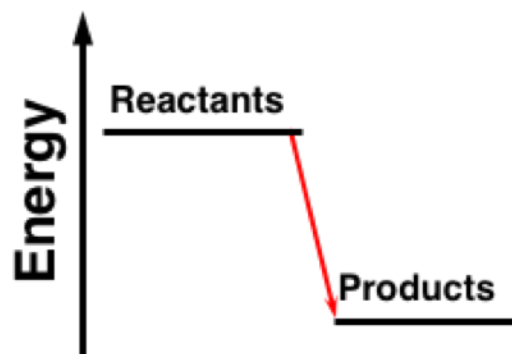
"Heat is released to the surroundings."

Question Group 11

Question 31

One of these representations is not like the others. Which one doesn't belong?

"The heat of reaction is a positive value."



**"The temperature
of the surroundings
increase."**

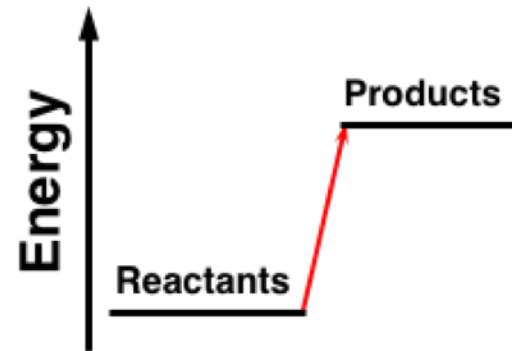


Question 32

One of these representations is not like the others. Which one doesn't belong?

"The heat of reaction is a negative value."

**"The temperature
of the surroundings
increase."**

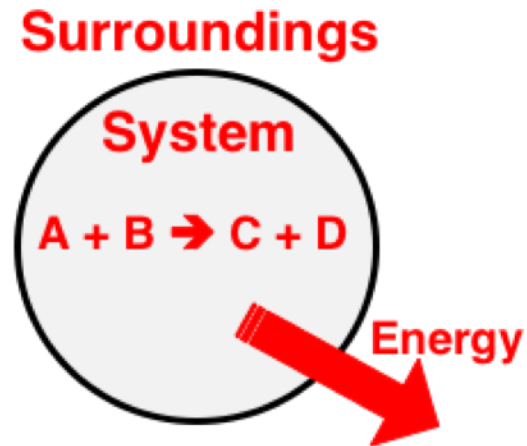


Question 33

One of these representations is not like the others. Which one doesn't belong?



"The energy of the reactants is less than the energy of products."



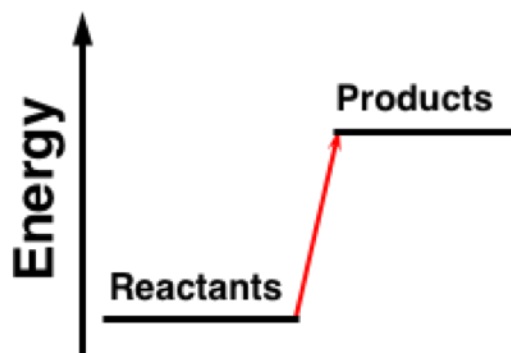
"The heat of reaction is a negative value."

Question Group 12

Question 34

One of these representations is not like the others. Which one doesn't belong?

"The heat of reaction is a positive value."

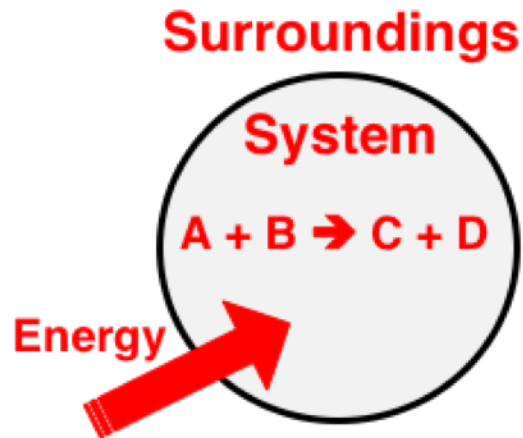


**"The temperature
of the surroundings
increase."**



Question 35

One of these representations is not like the others. Which one doesn't belong?



"The energy of the reactants is less than the energy of products."

"The heat of reaction is a positive value."

Question 36

One of these representations is not like the others. Which one doesn't belong?

"The heat of reaction is a positive value."

"The energy of the reactants is more than the energy of products."

