

Review Questions

1. If two substances are combined together, does a chemical or physical change occur?

Depends!! Could be physical (like stirring) or chemical (reacting)...

2. If two substances are mixed in a beaker and the temperature of the beaker in the beaker decreases, was the process endothermic or exothermic?

Exothermic is absorbing heat from surroundings

3. How does the energy of the reactants compare to the energy of the products in the reaction?

Reactants have greater energy than products

4. The equation below represents an endothermic process. Place the heat term on the appropriate side of the arrow.



5. Gasoline and oxygen combine inside an engine cylinder to form carbon dioxide, water, and heat energy. Which of the following describes the process correctly?

- a) exothermic reaction (chemical reaction)
- b) endothermic reaction
- c) exothermic process
- d) endothermic process

6. Why does burning COOL you down??

It gets on surface of skin which evaporates & that is an endothermic process which cools you down

7. Why does a steam burn do worse damage than being hit with a hot iron? Why not water??

Steam has high energy

8. The steam condenses on your skin & gives off heat energy



... (that released into your skin)

