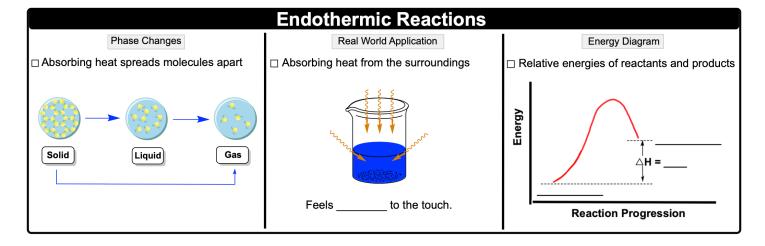
CONCEPT: ENDOTHERMIC & EXOTHERMIC REACTIONS

Endothermic Reactions

- Involve absorbing thermal energy by the ______ from the _____.
 - □ As molecules absorb heat they speed up and with enough energy gained they _____ bonds.

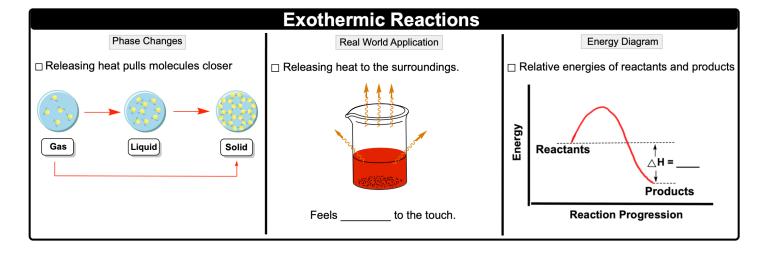


EXAMPLE: Which of the following processes represents an endothermic reaction?

- a) Steam condensing
- b) Molten lava solidifying
- c) Water boiling
- d) Water freezing

Exothermic Reactions

- Involve releasing thermal energy by the ______ from the _____.
 - $\hfill \Box$ As molecules release heat they slow down and with enough energy lost they _____ bonds.



EXAMPLE: Determine which of the following is an exothermic reaction.

- a) CO₂ burning
- b) Reaction in a cold pack
- c) Dry ice subliming
- d) Steam