

Thermal energy

EST

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Complete this concept review handout and keep it as a record of what you have learned.

Definitions

- Thermal energy is _____

- Heat is _____

- Temperature is _____

- The specific heat capacity corresponds _____

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Factors affecting the thermal energy of a substance

Factor	Factor variation	Result

Mathematical formulas and units of measurement

Formula for indicating the relationship between heat and thermal energy:

where _____

Formula for calculating heat absorbed or released:

where _____

where _____

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