

1. Potential energy that depends on height is called

- | | |
|---|---|
| ☐ A kinetic energy. | ☐ B gravitational potential energy. |
| ☐ C elastic potential energy. | ☐ D mechanical energy. |

2. The rate at which energy is transferred is called

- | | |
|--------------------------------|---------------------------------|
| ☐ A power. | ☐ B work. |
| ☐ C time. | ☐ D joules. |

3. Energy stored in the nucleus of an atom is called

- | | |
|--|---|
| ☐ A nuclear energy. | ☐ B mechanical energy. |
| ☐ C chemical energy. | ☐ D electromagnetic energy. |

4. The energy associated with motion is called

- | | |
|---|---|
| ☐ A elastic potential energy. | ☐ B nuclear energy. |
| ☐ C gravitational potential energy. | ☐ D kinetic energy. |

5. Unlike kinetic energy, potential energy is

- | | |
|---|------------------------------------|
| ☐ A not measurable. | ☐ B conserved. |
| ☐ C energy of motion. | ☐ D stored. |

6. Visible light is an example of

- | | |
|---|--|
| ☐ A chemical energy. | ☐ B electrical energy. |
| ☐ C electromagnetic energy. | ☐ D nuclear energy. |

7. Moving water can be used to produce electricity because

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D Kirk



Physical Science Grade 8 Chapter 5 Pg 203 Answers:

Decoding **Physical Science Grade 8 Chapter 5 Pg 203 Answers**: Revealing the Captivating Potential of Verbal Expression

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 $4\text{NO(g)} + 6\text{H}_2\text{O(l)} + 4\text{NH}_3\text{(g)} + 5\text{O}_2\text{(g)} \rightarrow 11\text{H}_2\text{O(l)} + 4\text{NO}_2\text{(g)}$
a is this reaction endothermic or exothermic
b how much heat will be absorbed or released if 10 g of NO is reacted with 10 g of H_2O

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what is the heat of fusion formula
 $h_n = h_{\text{fus}}$
what is the heat of vaporization formula
 $h_n = h_{\text{vap}}$
what is on the x axis of the heating curve time

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 $2\text{C(s)} + 3\text{O}_2\text{(g)} \rightarrow 2\text{CO}_2\text{(g)}$
is this endothermic or exothermic

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exothermic transfer of heat from the system to the surroundings
 $2\text{H}_2\text{(g)} + \text{O}_2\text{(g)} \rightarrow 2\text{H}_2\text{O(l)}$
energy endothermic the transfer of heat from the surroundings to the system
energy
 $2\text{Hg(s)} + 2\text{Hg(l)} + \text{O}_2\text{(g)}$

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