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|  | Guid-  ed  Reading : Calor-  imetry  & Heat | | Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Testable and Quizzable Ideas from the Blue Textbook Chapter 11. Be ready to hand this in.  Avoid pronouns. | | | |
| **Heat (p. 293, the the second paragraph)**   * get the book’s definition of energy | |  | |
| **Heat (p. 293, the last paragraph)**   * Write at least four facts about heat | |  | |
| **Heat Capacity (p. 296, the second paragraph)**   * define heat capacity | |  | |
| **Specific Heat Capacity (p. 297, the first paragraph)**   * define specific heat capacity | |  | |
| **The formula for heat (p. 297, the second paragraph)**   * copy the formula * label the parts of the formula in any way that will be useful for you to understand what the letters stand for. | |  | |
| **A picture of a Calorimeter (p. 300, Figure 11.8)**   * sketch and label the **"SIMPLE CALORIMETER"** * From the caption, jot down the function of   + the stirrer,   + the thermometer, &   + the chemical substances | |  | |
| **Calorimetery (p. 300, the second paragraph)**   * What two things are equal? (Super important\*\*\*) | |  | |
| **The sign of delta H (p. 301, the top)**   * copy Table 11.3 | |  | |
| **Specific Heat (p. 296, Table 11.2)**   * Try to find a pattern to what types of substances have low, medium, and high heat capacities | |  | |