Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Color \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Graph Homework**

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What state of matter is the water in at each point?

A: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B to C: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

C to D: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ D to E: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ F: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1.** What is boiling point? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2.** Do you think oil and water have the same boiling point? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**3.** Above, letter ‘B’ represents the melting point of butter. From B to C the line is straight and stays at \_\_\_\_\_\_\_\_\_\_\_\_\_\_ temperature. WHY?

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**Give three examples for the chart below**

|  |  |
| --- | --- |
| **Chemical Change** | **Physical Change** |
|  |  |

**Chemical Change:** The boiling point will be the same before and after **True / False**

**Physical Change:** The boiling point will be the same before and after **True / False**