Teacher Name: Class: Subject: Date:

 Seema Adil 7 Science 27th January 2017.

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| **6.1** | **Matter**  |

* **Matter** is anything which has (1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and takes up (2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |
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| **A** |  | **The three states of matter**  |

* Identify the three states of matter in the photo below:

The steam is a

(4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The water is a

(5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The pot is a

(3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |
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| **B** |  | **Properties of solids, liquids and gases** *(Book 1B, p. 134)* |

* What are the properties of solids, liquids and gases? Circle the correct answers.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Solid**  | **Liquid**  | **Gas** |
| Shape | (6) fixed / not fixed | (8) fixed / not fixed | (10) fixed / not fixed |
| Volume | (7) fixed / not fixed | (9) fixed / not fixed | (11) fixed / not fixed |

|  |  |  |
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| **C** |  | **Change of states**  |

* Complete the following table:

|  |  |  |  |
| --- | --- | --- | --- |
| The temperaturethat | ice melts and turns to liquid water | is called | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ point.

It is (13) \_\_\_\_\_\_\_\_\_\_°C. |
| water boils and turns to steam | (14) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ point.It is (15) \_\_\_\_\_\_\_\_\_\_°C. |
| water freezes and turns to ice | (16) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ point.It is (17) \_\_\_\_\_\_\_\_\_\_°C. |

* For the same substance, the (18) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ point and the (19) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ point are the same.
* The change of states of matter:

  

(22) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (21) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

(20) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

(23) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Gas Liquid Solid

* Melting, freezing and boiling take place at (24) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ temperatures. During these processes, the (25) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of matter change.