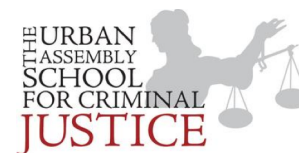


Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Chemistry ~ Ms. Hart**

**Class:** \_\_\_\_\_ Anions or Cations



**2.2 States of Matter and Phase Changes**

- 1) Which of the 3 phases of matter have an indefinite shape?
- 2) Which have an indefinite volume?
- 3) Matching: Draw a line from each phase change to the definition.

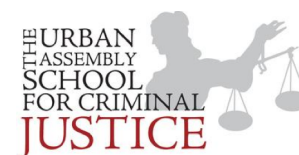
Phase change of Solid to liquid	Freezing
Phase change from liquid to gas	Melting
Phase change from gas to liquid	Evaporation
Phase change from liquid to solid	Condensation

4. A gas changes directly to a solid during
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  - b. deposition
  - c. saponification
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- a. 874°C
- b. 601°C
- c. 328°C
- d. 0°C

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7. What state of matter will oxygen be at 20K?

8. What state of matter will calcium be at 298K (room temperature)?

9. What state of matter will copper be at 3000K?

Update glossary:

- |                      |                   |                |
|----------------------|-------------------|----------------|
| • Matter             | • Chemical Change | • Condensation |
| • Physical Property  | • Melting Point   | • Melting      |
| • Malleable          | • Freezing Point  | • Fusion       |
| • Chemical Property  | • Boiling         | • Sublimation  |
| • Extensive Property | • Vaporization    | • Deposition   |
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