

Pre - Lab: Physical Properties Lab

Name(s): _____

Date: _____

Match the definitions.

_____ / 10

- | | |
|---------------------------|---|
| ___ 1. physical property | a. the temperature at which the substance changes its state from liquid to gas |
| ___ 2. extensive property | b. the temperature at which the substance changes its state from solid to liquid |
| ___ 3. intensive property | c. the ability of a substance, usually a metal, to be hammered into a flat sheet |
| ___ 4. melting point | d. properties that depend on the amount of substance |
| ___ 5. boiling point | e. characteristics that can be observed and measured without changing a substance's composition |
| ___ 6. solubility | f. the resistance to changing its shape |
| ___ 7. malleability | g. properties that are useful when identifying the substance |
| ___ 8. ductility | h. how easily a substance can break into smaller pieces (molecules or ions) and mix with water. |
| ___ 9. brittle | i. easily broken into smaller pieces |
| ___ 10. hardness | j. the ability of a substance, usually a metal, to be stretched into a wire |