**PROPERTIES OF MATTER**

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| 1. \_\_\_\_\_\_\_ matter 2. \_\_\_\_\_\_\_quantitative 3. \_\_\_\_\_\_\_solid 4. \_\_\_\_\_\_\_combustibility 5. \_\_\_\_\_\_\_qualitative 6. \_\_\_\_\_\_\_malleable 7. \_\_\_\_\_\_\_ductility 8. \_\_\_\_\_\_\_hardness 9. \_\_\_\_\_\_\_volume 10. \_\_\_R\_\_crystal form 11. \_\_\_\_\_\_\_melting point 12. \_\_\_\_\_\_\_solubility 13. \_\_\_\_\_\_\_liquid 14. \_\_\_\_\_\_\_lustre 15. \_\_\_\_\_\_\_texture 16. \_\_\_\_\_\_\_taste 17. \_\_\_\_\_\_\_density 18. \_\_\_\_\_\_\_reaction with acid 19. \_\_\_J\_\_alloy 20. \_\_\_\_\_\_\_chemical properties 21. \_\_\_\_\_\_\_ Viscosity 22. \_\_\_\_\_\_\_ conductivity | 1. an observation made with your senses 2. ability to be pounded into shapes 3. ability of a substance to quickly react with oxygen 4. describes the behaviour as one substance becomes another 5. ability of an object to reflect light 6. anything that takes up space and has mass 7. the feel of a substance 8. an observation based on a measurement 9. the temperature when solids turn into liquids 10. solution of metals 11. how much space an object fills 12. has definite shape 13. always takes the shape of the container 14. the amount of matter per unit volume 15. ability of a substance to dissolve in a solvent 16. gas bubbles are produced during this test 17. measure of how difficult it is to scratch a solid 18. when solids form a regular pattern in their structure 19. how easily a liquid flows 20. able to be stretched into wires 21. ability to transfer heat or electricity |

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| **Statement** | **Property Being Described** | **Physical or Chemical?** |
| 1. The teaspoon of sugar dissolves in a cup of tea. |  |  |
| 2. Clear, colourless bubbles evolved when the calcium was added to water. |  |  |
| 3. The cardboard is opaque. |  |  |
| 4. Mercury is a liquid at room temperature. |  |  |
| 5. The car bumper is shiny. |  |  |
| 6. The light bulb turned on when it was touched to the lump of silicon. |  |  |
| 7. The wood block floated in the tub of water. |  |  |
| 8. The magnesium reacted with the hydrochloric acid. |  |  |
| 9. The syrup poured slowly. |  |  |
| 10. The stone was smooth. |  |  |
| 11. The copper was rolled into sheets to make roofing panels. |  |  |
| 12. Carbon dioxide and water were produced when the BBQ was ignited. |  |  |
| 13. The diamond scratched the glass. |  |  |
| 14. The sugar cube crumbled. |  |  |