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| The Properties of Matter Study Guide  Complete the answers to this study guide on a separate sheet of paper. This study guide is due Wednesday, January 22nd and is worth 14 points. Please email me at [rhaley@leedsk12.org](mailto:rhaley@leedsk12.org) if you have questions about the study guide.   1. How do you measure the volume of   A. A liquid?  B. A regular solid?  C. An irregular solid? (pg. 7)   1. What are the differences between mass and weight? (pg. 9) 2. What are some examples of physical properties of matter? (pg. 13)    1. What do the following terms mean?: thermal conductivity, state, density, solubility, ductility, malleability 3. How do you calculate density? (Be able to solve for any variable in the equation!) (pg. 14) 4. What are some examples of chemical changes? (pg. 16) 5. What are some clues that a chemical change has happened? (pg 16)   In addition to the questions above, please also know the following  \*All of the definitions on pages 4-5  \*How to determine each type of volume  \*How to calculate density, mass and volume  \*Identify a change as physical or chemical  \*Know the difference between physical properties and chemical properties | The Properties of Matter Study Guide  Complete the answers to this study guide on a separate sheet of paper. This study guide is due Wednesday, January 22nd and is worth 14 points. Please email me at [rhaley@leedsk12.org](mailto:rhaley@leedsk12.org) if you have questions about the study guide.   1. How do you measure the volume of   A. A liquid?  B. A regular solid?  C. An irregular solid? (pg. 7)   1. What are the differences between mass and weight? (pg. 9) 2. What are some examples of physical properties of matter? (pg. 13)    1. What do the following terms mean?: thermal conductivity, state, density, solubility, ductility, malleability 3. How do you calculate density? (Be able to solve for any variable in the equation!) (pg. 14) 4. What are some examples of chemical changes? (pg. 16) 5. What are some clues that a chemical change has happened? (pg 16)   In addition to the questions above, please also know the following  \*All of the definitions on pages 4-5  \*How to determine each type of volume  \*How to calculate density, mass and volume  \*Identify a change as physical or chemical  \*Know the difference between physical properties and chemical properties |