LT 1.5: Properties of Matter Review




4. Explain your answer for #3. Write your answer in complete sentences.

5. Identify each of the following as a chemical or physical property.

1. \_\_\_\_\_\_ boiling point
2. \_\_\_\_\_\_ color
3. \_\_\_\_\_\_ acidity
4. \_\_\_\_\_\_ texture
5. \_\_\_\_\_\_ combustibility – the ability of an object to burn or ignite
6. \_\_\_\_\_\_ alka seltzer tablets fizz in water
7. \_\_\_\_\_\_ ice will melt if left on the table
8. \_\_\_\_\_\_ gasses in the air react with rain to make acid rain
9. \_\_\_\_\_\_ malleability – the ability of a substance to be hammered into a flat sheet
10. \_\_\_\_\_\_ density
11. \_\_\_\_\_\_ sugar dissolves in water

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| --- | --- | --- |
| **PROBLEMS** | **WORK** | **ANSWERS** |
| 1. Convert 8.43 cm to millimeters |  |  |
| 2. Convert 2.43 X 103 cm to meters |  |  |
| 3. How many kilograms are in 120.52 lbs? |  |  |
| 4. Convert 1250 lbs to kilograms |  |  |
| 5. If a building is 1024.5 ft tall, how many meters is it? |  |  |
| 6. A 2 Liter bottle would hold how many quarts? |  |  |
| 7. Convert 550 mL to quarts |  |  |
| 8. Convert 9018 ounces to kilograms |  |  |
| 9. Your baby has a mass of 3.94 kg. How many lbs? |  |  |
| 10. Convert 294.85 cm to mm |  |  |

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

LT 1.1: Dimensional Analysis Review