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| Question | Notes |
| What is \_\_\_\_\_\_\_\_\_\_? | **Measurement of the amount of matter (or stuff) in an object**   * + **Measured in grams (g)** |
| What is \_\_\_\_\_\_\_\_\_\_\_? | **Measurement of the amount of \_\_\_\_\_\_\_\_\_\_ an object takes up**   * + **Measured in milliliters (ml) or cm3** |
| **Which do you think would have the greater volume? The greater mass? Why?** | 1kg of feathers or 1 kg of rocks |
| What is \_\_\_\_\_\_\_\_\_\_\_\_\_? | **\_\_\_\_\_\_\_\_\_\_\_\_ is defined as mass per unit volume. It is a measure of how tightly packed and how heavy the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are in an object. Density is the amount of \_\_\_\_\_\_\_\_\_\_\_ within a certain \_\_\_\_\_\_\_\_\_\_\_\_\_\_.** |
| Which one is more dense? | Draw the two boxes and explain your answer. |
| How do I find an objects density? | 1. Find the \_\_\_\_\_\_\_\_\_ of the object 2. Find the \_\_\_\_\_\_\_\_\_\_\_\_ of the object 3. Divide: Density = |
| **If the mass of an object is 35 grams and it takes up 7 cm3 of space, calculate the density.** |  |
| **Frank has a paper clip. It has a mass of 9g and a volume of 3cm3. What is its density?** |  |
| **Frank also has an eraser. It has a mass of 3g, and a volume of 1cm3. What is its density?** |  |
| **Jack has a rock. The rock has a mass of 6g and a volume of 3cm3. What is the density of the rock?** |  |
| What are ways that you can affect an objects density? |  |
| Summary: | |