

Density

Name: _____

Vocabulary Words

Match the definition to the correct vocabulary word.

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| 1. ___ A guess about what will happen during an experiment | A. Density |
| 2. ___ A trait that describes an object | B. States of Matter |
| 3. ___ The amount of matter "stuffed into a fixed space" | C. Property |
| 4. ___ Solids (fixed shape and fixed volume), liquids (shape of the container and fixed volume), and gases (shape and volume of the container) | D. Hypothesis |

Which is Denser?

*Determine which object is **more** dense and circle it.*

1. Bowling Ball or Basketball
2. Clay Brick or Lead Brick
3. Packed Suitcase or Empty Suitcase
4. Fluffy Snowball or a Ball of Ice
5. Golf Ball or Ping Pong Ball
6. One Ton of Feathers or One Ton of Bricks
7. A Hollow Chocolate Easter Bunny or a Solid Chocolate Easter Bunny
8. A Dry Sponge or a Wet Sponge
9. Water or Oil
10. Kool-aid or Fresh Water
11. Helium or Air
12. Hot Air or Cold Air