

Name: _____

Date: _____



GENIUSCHALLENGE

PROPERTIES OF MATTER

1. Why does a balloon filled with AIR weigh more than an empty balloon?

2. Which of these is matter?

- a. Energy b. Air c. Peace d. Love

3. Which property did Zoe use to tell Sodium and Iron apart? _____

4. Name a substance that is less dense than air. _____

5. What property did the team use to tell the two gases apart?

6. True or false: the team identified the clear liquids using the property of magnetism.

7. What is it called when something dissolves into something else?

- a. liquidity b. density c. viscosity d. solubility

8. What causes the Styrofoam to disappear into the acetone?

9. What ingredient gave Charlotte's slime magnetic properties?

10. What property makes a metal pot good for cooking?

11. Why is it important to know the properties of matter?
