

Name: \_\_\_\_\_  
Class: \_\_\_\_\_ Date: \_\_\_\_\_

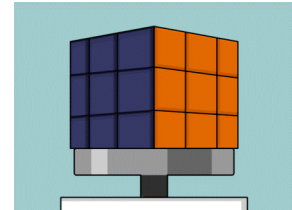


## BrainPOP ACTIVITY: MEASURING MATTER

- Place the letter of the definition next to the word.

- |                   |   |
|-------------------|---|
| 1. _____ mass     | A. The force of gravity on an object's mass |
| 2. _____ matter   | B. How tightly atoms are packed together    |
| 3. _____ weight   | C. Scientific term for "stuff"              |
| 4. _____ volume   | D. The amount of matter in an object        |
| 5. _____ displace | E. How much space an object takes up        |
| 6. _____ density  | F. Another way to say "to move"             |
| 7. _____ Newton   | G. A unit of weight                         |

- Why do we measure stuff?



- Determine which type of measurement you would most likely use to measure the following items. Write "length," "volume," or "mass" next to each item.

- |          |  |
|----------|--|
| 1. _____ | A backpack                               |
| 2. _____ | Your height                              |
| 3. _____ | The amount of water in a small fishbowl  |
| 4. _____ | The length of your desk                  |
| 5. _____ | The amount of orange juice in your glass |
| 6. _____ | A textbook                               |

- Think about it...

What is the difference between mass and weight? Which one can change depending on location?