



Across

- 1. A property of matter that describes a substance's ability to participate in chemical reactions
- 5. The measure of size of a body in three-dimensional space
- 9. Occurs when one or more substances change into entirely new substances with different properties
- 11. The amount of matter in an object

Down

- 2. A characteristic that does not involve a chemical change
- 3. A change from one form of matter to another without a change in chemical properties
- 4. The curve at a liquid's surface by which one measures the volume
- 6. The measure of gravitational force on an object
- 7. Anything that has mass and takes up space
- 8. mass divided by volume
- 10. The tendency of an object to continue doing whatever it is doing