

# Properties of Matter ch 16

Name \_\_\_\_\_ Per \_\_\_\_\_ Date \_\_\_\_\_

## Across

4. the smallest particle of a compound that retains the properties of compound
6. a substance that contains only one type of atom
9. property of matter with a definite volume by no definite shape
10. mixtures that cannot be separated into different kinds of matter by physical methods
11. state of matter with a definite size, shape and volume
12. property of matter with no definite size, shape or volume

## Down

1. a mixture that is the same throughout
2. 2. smallest particle of an element
3. 3. a mixture that is not the same throughout
4. 5. substances made of two or more elements that cannot be separated by physical means
5. 7. the fourth state of matter
6. 8. a term used to describe anything that has mass and takes up space

