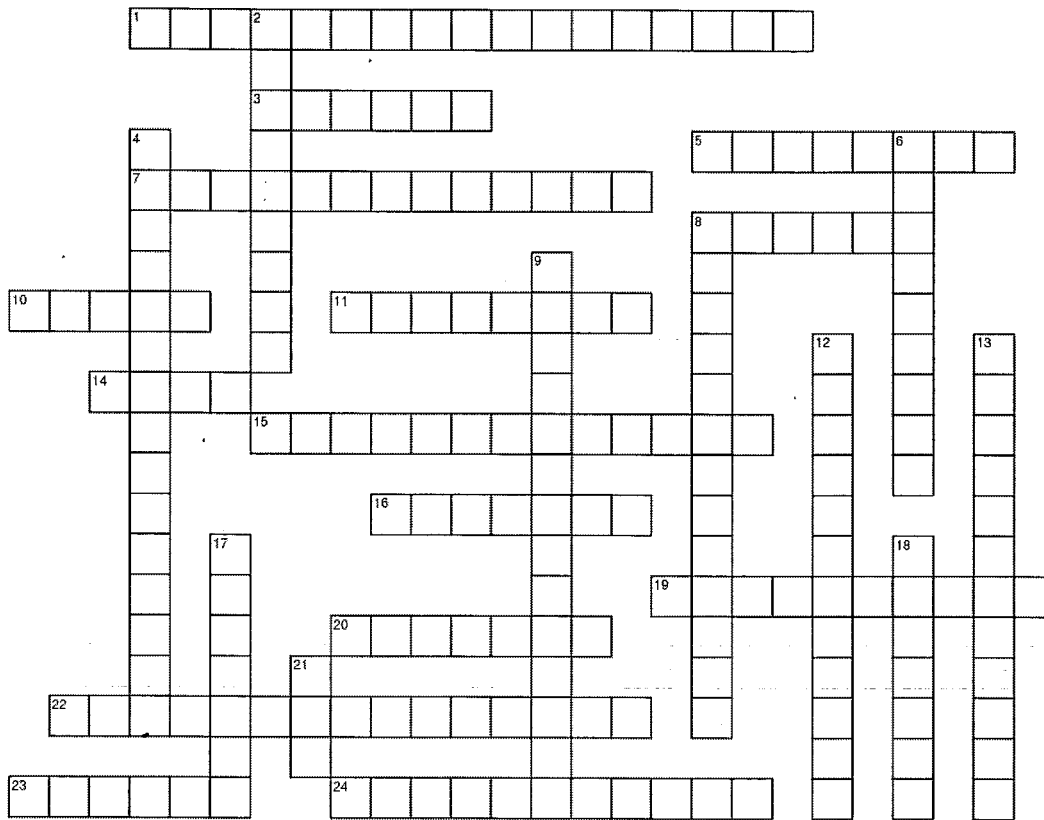


Amazing Crossword

Properties and Changes in Matter Chapter 5



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ACROSS

- 1 The behaviour of a substance as it changes into a new substance.
- 3 Particles can vibrate and move past one another.
- 5 Properties of matter that you can observe with your senses, measure, or calculate.
- 7 A mixture that is not uniform in its composition.
- 8 Anything with mass that occupies space.
- 10 When particles are close together and can only vibrate in their place.
- 11 A pure substance that consists of two or more elements.
- 14 The amount of matter an object has.
- 15 A temperature at which a liquid rapidly changes to a gas.
- 16 Contains two or more pure substances.

- 19 The degree that a substance will dissolve in a given amount of another.
- 20 The "heaviness" of a substance.
- 22 When a substance changes into one or more new substances with different properties.
- 23 The amount of space that an object fills.
- 24 A mixture is made of substances that are evenly and microscopically mixed together.

DOWN

- 2 Physical changes to a shape such as pounded into a thin sheet.
- 4 A change in form or state, but not in the substance itself. Such as cutting wood.
- 6 The slow reaction of certain metals with oxygen to form metal oxides.

- 8 A temperature at which a substance changes from solid to a liquid.
- 9 matter that contains only one type of particle.
- 12 The rapid reaction of some substances with oxygen, resulting of a great deal of energy.
- 13 The ability of a material to conduct electricity or heat.
- 17 Softness of certain metals that allow them to be pulled thinner and thinner until they form a wire.
- 18 A pure substance that cannot be changed into anything simpler.
- 21 Particles can vibrate, rotate, move past one another, move in a straight line and bump into each other.