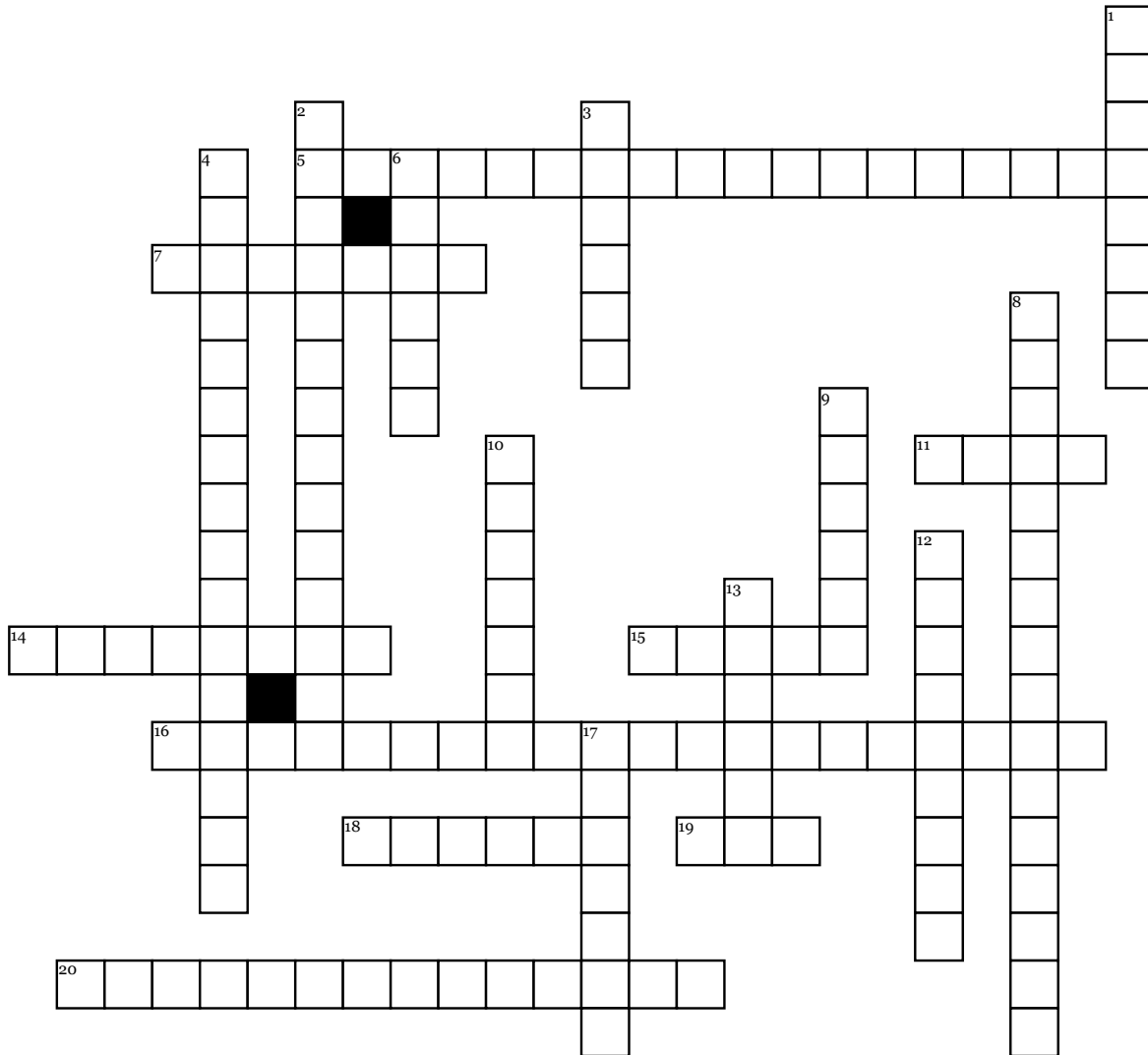


# Matter Crossword Puzzle



**Across**

**5.** type of mixture where two or more substances are evenly mixed on a molecular level but are not bonded together

**7.** physical property of matter that can be found by dividing the matter's mass by its volume

**11.** amount of matter in an object

**14.** a substance whose smallest unit is made up of atoms of more than one element

**15.** matter with a definite shape and volume, has tightly packed particles that move mainly by vibrating

**16.** type of mixture where the substances are not evenly mixed

**18.** the amount of space an object occupies

**19.** matter that does not have a definite shape or volume; has particles that move at high speeds

**20.** any change of a material into a new material with different properties

**Down**

**1.** the basic unit of a molecular compound

**2.** any change in size, shape, form, or state of matter in which the matter's identity stays the same

**3.** the ability to cause change

**4.** a characteristic of matter that allows it to change to a different type of matter

**9.** matter that does not have a definite shape but has a definite volume

**10.** when two or more substances come together but don't make a new substance

**12.** matter that has the same composition and properties throughout

**13.** matter with no definite shape, electrically charged and extremely high energy levels

**17.** matter made of only one kind of atom