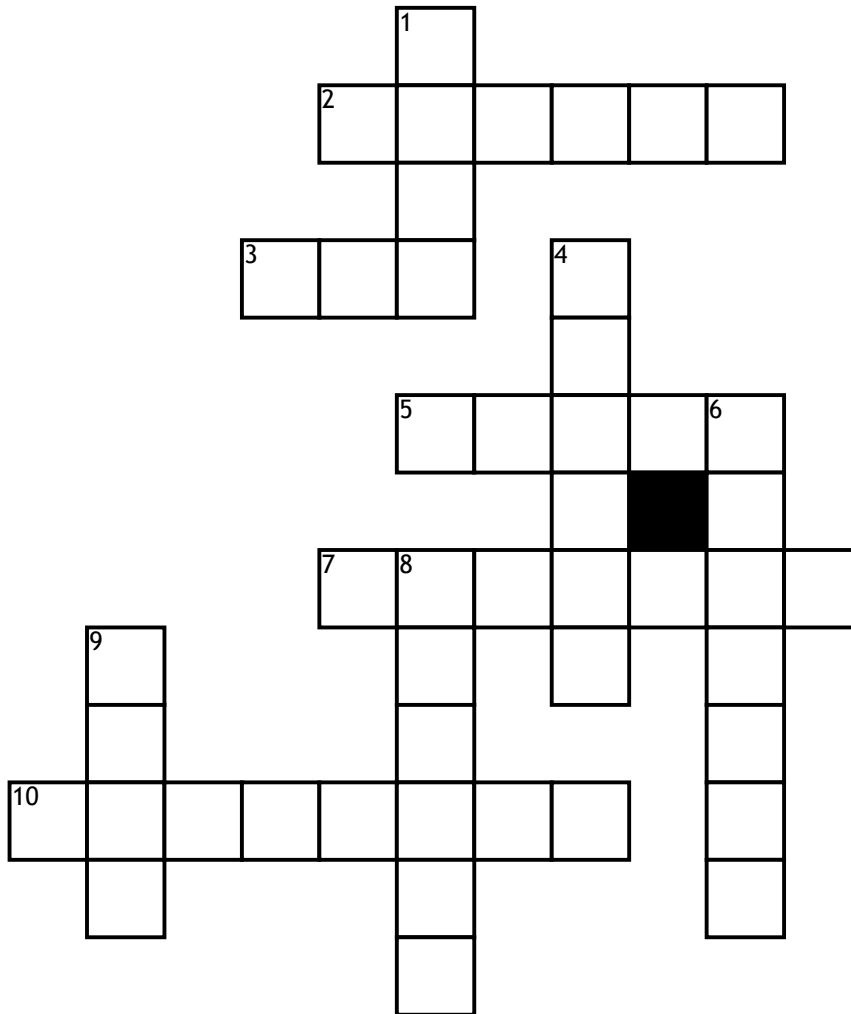


MATTER PROJECT



Across

2. anything that has mass and takes up space
3. particles have room to move anywhere
5. all of its particles are compact together so they do not have much room to move around
7. is a pure substance that can not be created or broken down by any ordinary means

10. group of two or more atoms held together

Down

1. measured on a balance scale
 $M = \text{Density} \times \text{Volume}$
4. it is the amount of space taken up by an object
6. $D = \text{Mass} / \text{Volume}$
8. particles not as tight as a solid and have more room to move around
9. is the smallest unit of ordinary matter that forms a chemical element