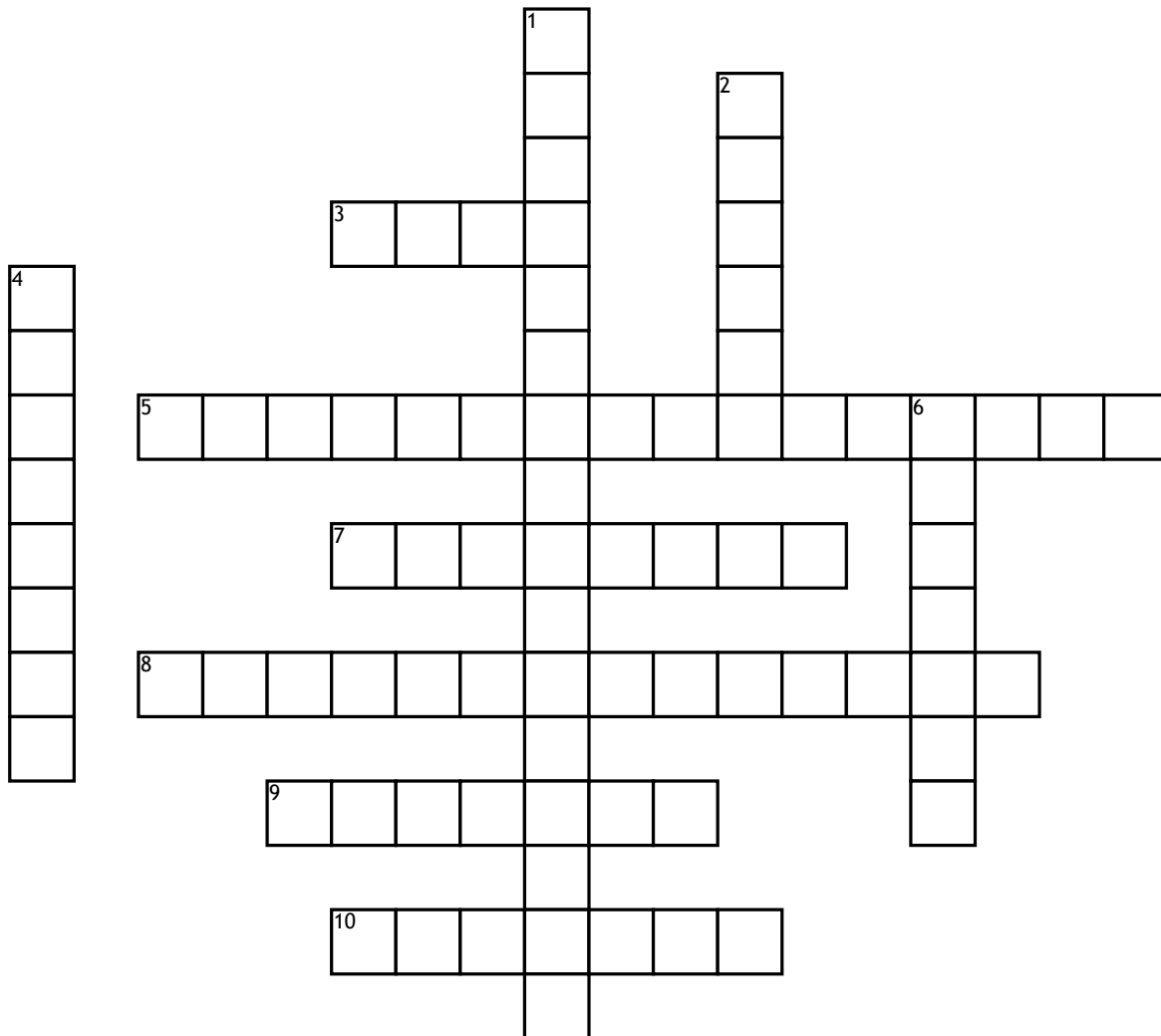


# Chapter 6 Product



## Across

3. Smallest particle of an element that has the characteristics of that element.  
 5. Characteristic of a substance or an object that can be observed without changing the substance into a different substance.  
 7. Characteristic that describes matter  
 8. Basic forms in which matter exists, including, solid, liquid, and gas.  
 9. Atom's center, which is made of protons and neutrons.

10. two or more elements or compounds mixed together, but not joined chemically.

## Down

1. Characteristic that describes how a substance changes into a different substance.  
 2. Anything that has mass and takes up space.  
 4. Substance formed when the atoms of two or more elements join chemically.  
 6. Substance that cannot be changed or separated into other kinds of substances.