

Vocabulary 3

1. **Compound**: a substance produced when elements combine and whose properties are different from each of the elements in it. (p. 25)
2. **Mixture**: a combination of compounds and elements that has not formed a new substance and whose proportions can be changed without changing the mixture's identity. (p. 27)
3. **Solution**: fluid with substance dissolved in it; homogeneous mixture whose elements and/or compounds are evenly mixed at the molecular level but are not bonded together.
4. **Solute**: dissolved substance; substance that dissolves and seems to disappear into another substance.
5. **Solvent**: substance that dissolves things; substance that dissolves the solute. (
6. **Suspension**: dispersion of particles: a dispersion of fine solid particles in a liquid or gas, removable by filtration; heterogeneous mixture of large particles
7. **Physical property**: characteristic that can be observed, using the five senses, without changing or trying to change the composition of a substance.
8. **Chemical property**: characteristic that cannot be observed without altering the sample.
9. **Physical Change**: change in which the form or appearance of matter changes, but not its composition.
10. **Chemical Change**: change in which the composition of a substance changes.

