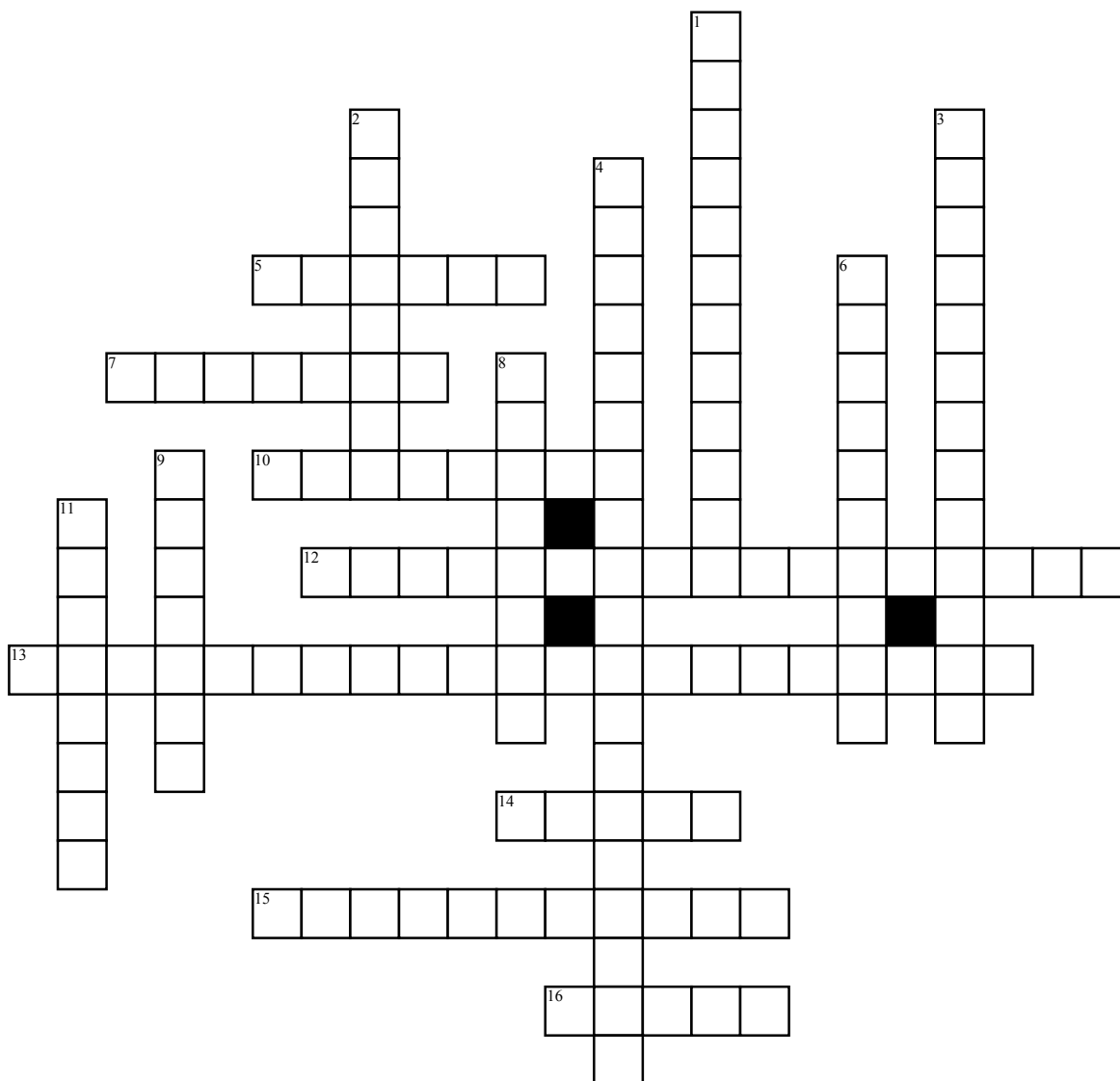


# Chapter 8 Key Terms Crossword puzzle



## Across

5. the substance that dissolves in the solvent

7. a mixture consisting of tiny particles that are intermediate in size between those in solutions and those in suspensions and that are suspended in a liquid, solid, or gas

10. describes a molecule in which the centers of positive and negative charges are not separated

12. a solution that cannot dissolve anymore solute under given conditions

13. a solution that holds more dissolved solute than is required to reach equilibrium at a given temperature

14. a solid or liquid mixture of two or more metals

15. a mixture in which particles of a material are more or less evenly dispersed throughout a liquid or gas

16. describes a molecule in which the positive and negative charges are separated

## Down

1. the intermolecular force occurring when a hydrogen atom that is bonded to a highly electronegative atom of one molecule is attracted to two unshared electrons of another molecule

2. two or more mixtures or immiscible liquids in which one liquid is dispersed in the other

3. the amount of a particular substance in a given quantity of a mixture, solution, or ore

4. a solution that contains less solute than a saturated solution does and that is able to dissolve additional solute

6. the ability of one substance to dissolve in another at a given temperature and pressure

8. a concentration unit if a solution expressed in moles of solute dissolved per liter of solution

9. the substance in which solute dissolves in

11. a homogeneous mixture throughout which two or more substances are uniformly dispersed