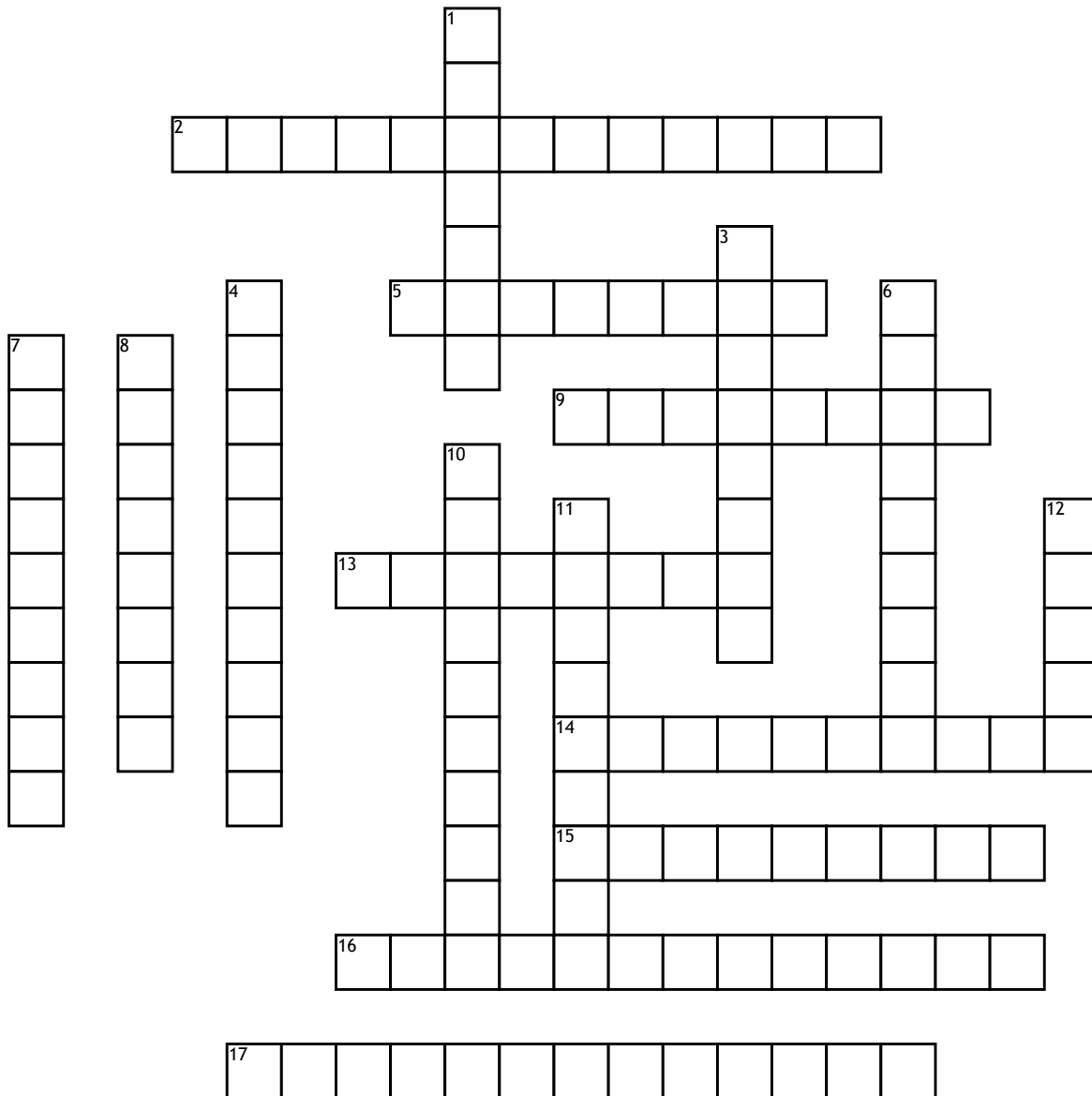


Geometry Chapter 3



Across

2. If same-side interior angles are _____, then the 2 lines are parallel
5. Which type of angles involving 2 lines and a transversal are ALWAYS congruent?
9. Two angles that share a common vertex and side (ray).
13. When the conclusion of an If-Then statement is reversed.
14. An unproven statement that is based on a pattern or observation.
15. When a logical conclusion is reached based on observations and patterns

16. If two lines intersect to form adjacent congruent angles, then the lines are _____.

17. Two angles whose measures add up to 90 degrees.

Down

1. A true statement that follows from other true statements.
3. If two _____ lines are cut by a transversal, then corresponding angles are congruent.
4. The Law of Detachment states that if the hypothesis of an if-then statement is true, then the _____ is also true.

6. If two angles are supplementary to the same angle, then they are _____.

7. Points that lie on the same line are called _____.

8. An angle _____ is a ray that divides an angle into two angles that are congruent.

10. Another name for supplemental angles that are adjacent.

11. When general logic and reasoning is used to make a specific conclusion.

12. A translation is also called a _____.