All About Angles Word Puzzle
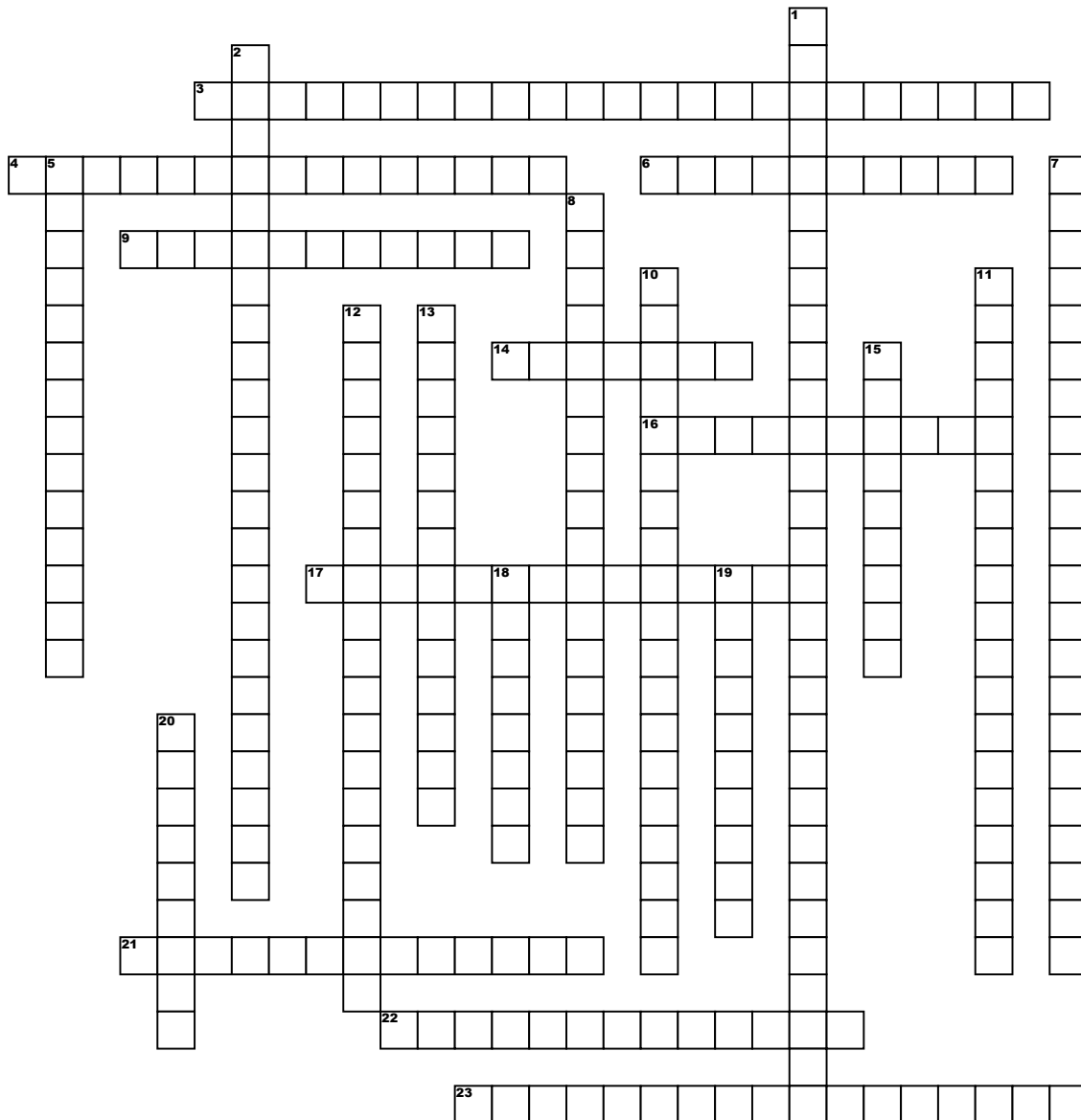
Across

3. Non adjacent interior angles that lie on opposite sides of the transversal.

4. A triangle that has no congruent sides.

6. A conclusion reached by using inductive reasoning.

9. A line that intersects two or more coplanar lines at distinct points.

14. A conjecture that is proven.

16. A triangle that whose sides are ____ congruent

17. Two angles whose sides are opposite rays.

21. Coplanar lines that do not intersect.

22. Planes that do NOT intersect.

23. A triangle that has at least two congurent sides.

Down

1. A line , or ray that is _____ to the segment at it's _____

2. Non adjacent exterior angles that lie on opposite sides of the transversal.

5. An example showing that a statement is false.

7. Interior angles that lie on the same side of the transversal.

8. Two lines that intersect to form right angles

10. Angles that lie on the same side of the transversal and in corresponding positions.

11. Two angles whose measures have a sum of _____ degrees. Each angle is called the _____ of the other.

12. Two angles whose measures have a sum of 90 degrees. Each angle is called the _____ of the other.

13. Two coplanar angles with a common side, a common vertex, and no common interior point. (chicken feet)

15. Non - coplanar they are not parallel and do not intersect

18. The statement by reversing the hypothesis and conclusion of a conditional.

19. A pair of adjacent angles whose non - common sides are opposite rays. The angles of a linear pair form a straight line.

20. An accepted statement of fact.