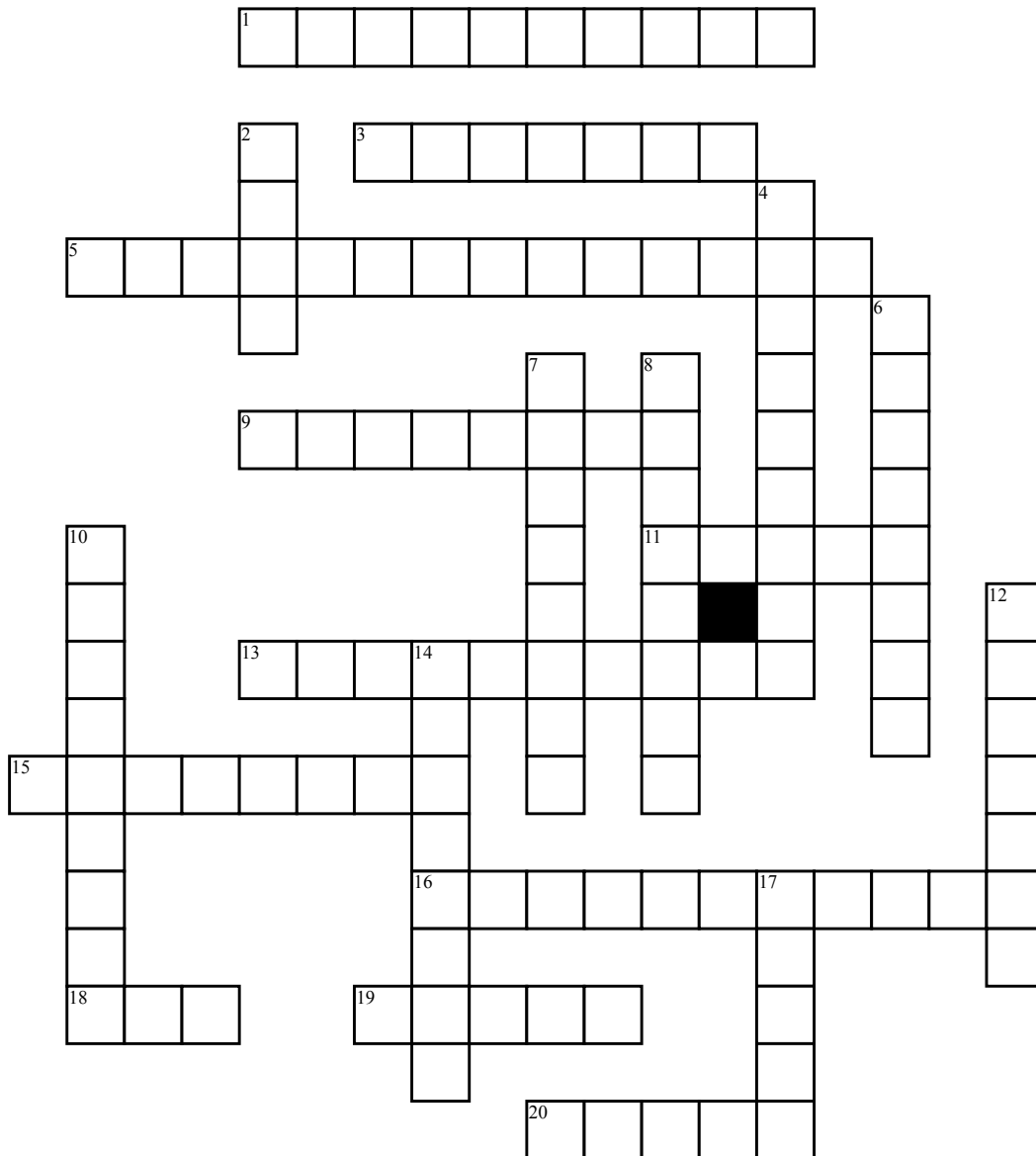


# Geometry Tic-Tac-Toe Crossword



**Across**

- 1. A transformation where a figure is mirrored across a line.
- 3. Formed by negating the hypothesis and the conclusion.
- 5. Change of position, size, or shape of a figure.
- 9. Points that lie on the same plane.
- 11. The new image in a transformation.
- 13. Corresponds to one and only one number.
- 15. The point that divides the segment into two congruent segments.

- 16. A translation where all the points on a figure move in the same direction.
- 18. Part of a line which starts at an endpoint and goes on forever in one direction.
- 19. Names a location and has no size
- 20. A flat surface that has no thickness and extends forever.

**Down**

- 2. A straight path that has no thickness and extends forever.
- 4. A statement that is excepted as truth without proof.

- 6. Formed by swapping the hypothesis and the conclusion.
- 7. A point at the end of a segment or the starting point of a ray.
- 8. The original image in a transformation.
- 10. Points that lie on the same line.
- 12. Part of a line consisting of two points and all the points between them.
- 14. A transformation where a figure rotates around a point.
- 17. A figure formed by two rays with a common endpoint.