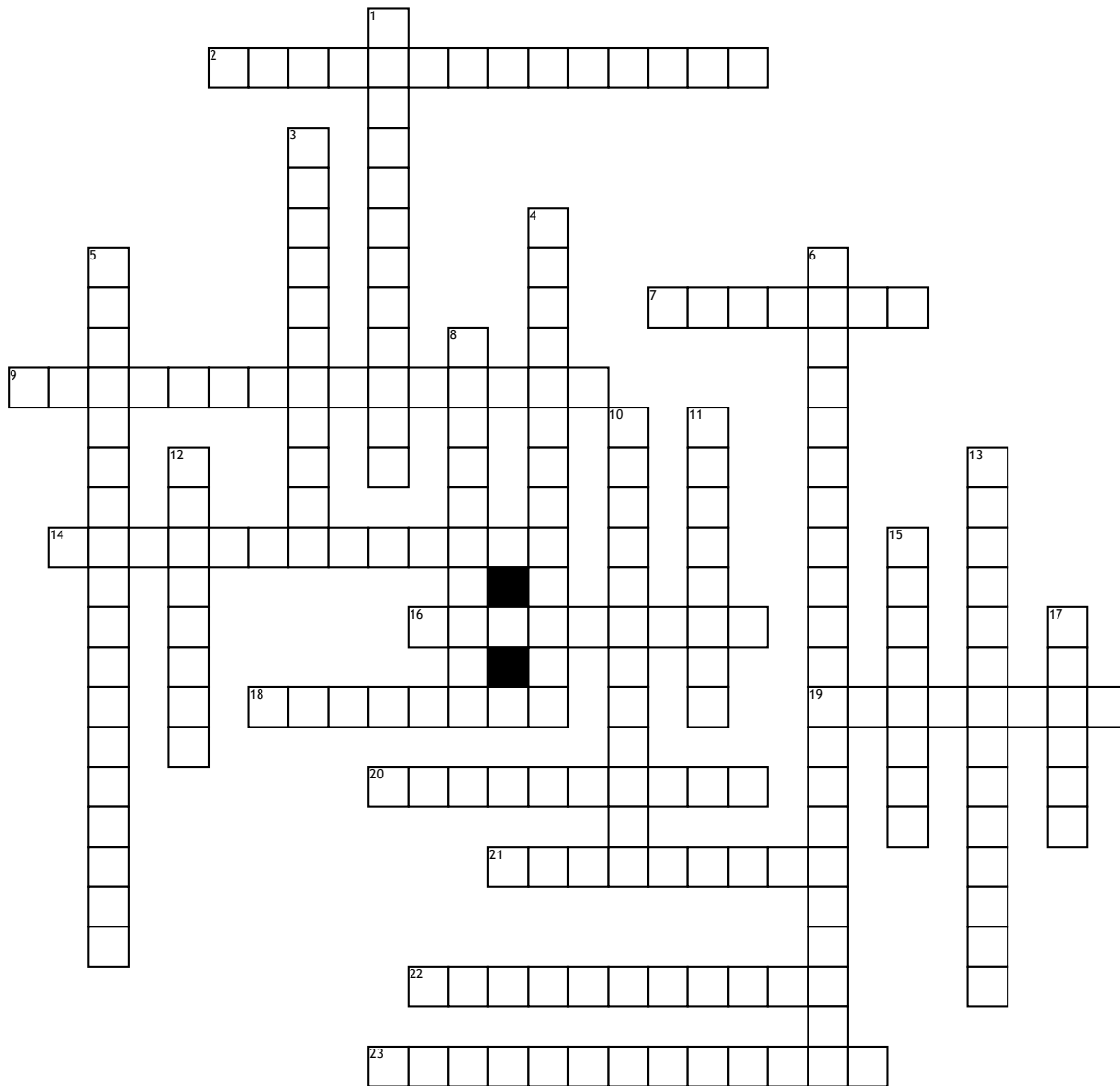# Points of Concurrency

Across

2. opposite angles formed by two intersecting angles, always congruent

7. no sides congruent

9. A set of lines or curves that all intersect. at the same point

14. all angles under 90 degrees

16. point of concurrency of the triangle

18. the point where all three angle bisectors always intersect

19. segment from a vertex to the midpoint of the opposite side

20. of or involviong right angles

21. two sides same length

22. equal distance

23. angles that add up to 180 degrees

Down

1. the point where the perpendicular bisectors of the sides intersect

3. The point where the three "altitudes" of a triangle meet

4. divides an angle into two equal parts

5. three or more lines intersect in one place

6. goes through the midpoint of a side and is perpendicular to the opposite side- sometimes referred to as high

8. the line segment connecting the midpoints of two sides of a triangle

10. a point representing the mean position of the matter in a body or system.

11. the exact middle point

12. rock from outerspace

13. one angle greater than 90 degrees

15. natural abilty to do something

17. segment from a vertex to the midpoint of thee opposite side