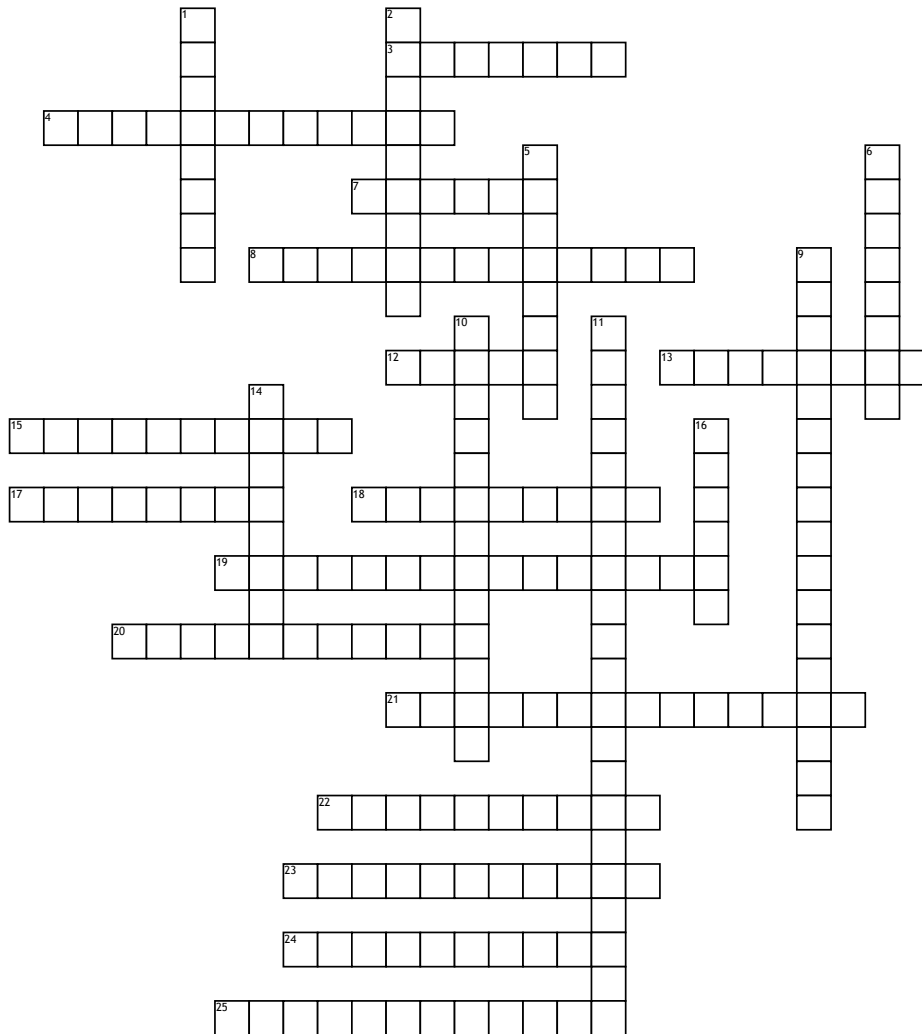


Points of Concurrency



Across

- 3. A triangle with all three sides different in length
- 4. Point at which a point will balance
- 7. A line segment joining a vertex to the midpoint of the opposing side
- 8. A line that cuts the vertex in half
- 12. A triangle with all angles less than 90 degrees
- 13. The height of a triangle
- 15. A way around
- 17. The point that is equidistant from the two vertices and in the center of the side
- 18. The point where the orthocenter, circumcenter, and centroid all line up

19. A set of lines that all intersect

- 20. At equal distances
- 21. Each of the pairs of opposite angles made by two intersecting lines
- 22. A pair of adjacent angles formed when two lines intersect
- 23. The common intersection of the three altitudes
- 24. A segment connecting the midpoints of two sides of a triangle
- 25. The point at which the perpendicular bisectors of the sides of a triangle intersect

Down

- 1. A bolder that orbits around the sun

- 2. A triangle that has two sides that are congruent

- 5. The center of the incircle of a triangle
- 6. A natural ability to do something
- 9. The point where a set of lines intersect
- 10. Two angles whose sum is 180 degrees
- 11. A line that divides another line into two equal parts
- 14. The center of mass of a geometric object
- 16. A triangle that has a angle greater than 90 degrees

Word Bank

Centroid	Acute	Vertical Angles	Linear Pair	Equidistant
Pont of Concurrency	Circumvent	Center of Mass	Concurrent Lines	Incenter
Midsegment	Midpoint	Scalene	Supplementary	Altitude
Orthocenter	Angle bisector	Isosceles	Perpendicular Bisector	Aptitude
Circumcenter	Median	Euler Line	Asteroid	Obtuse