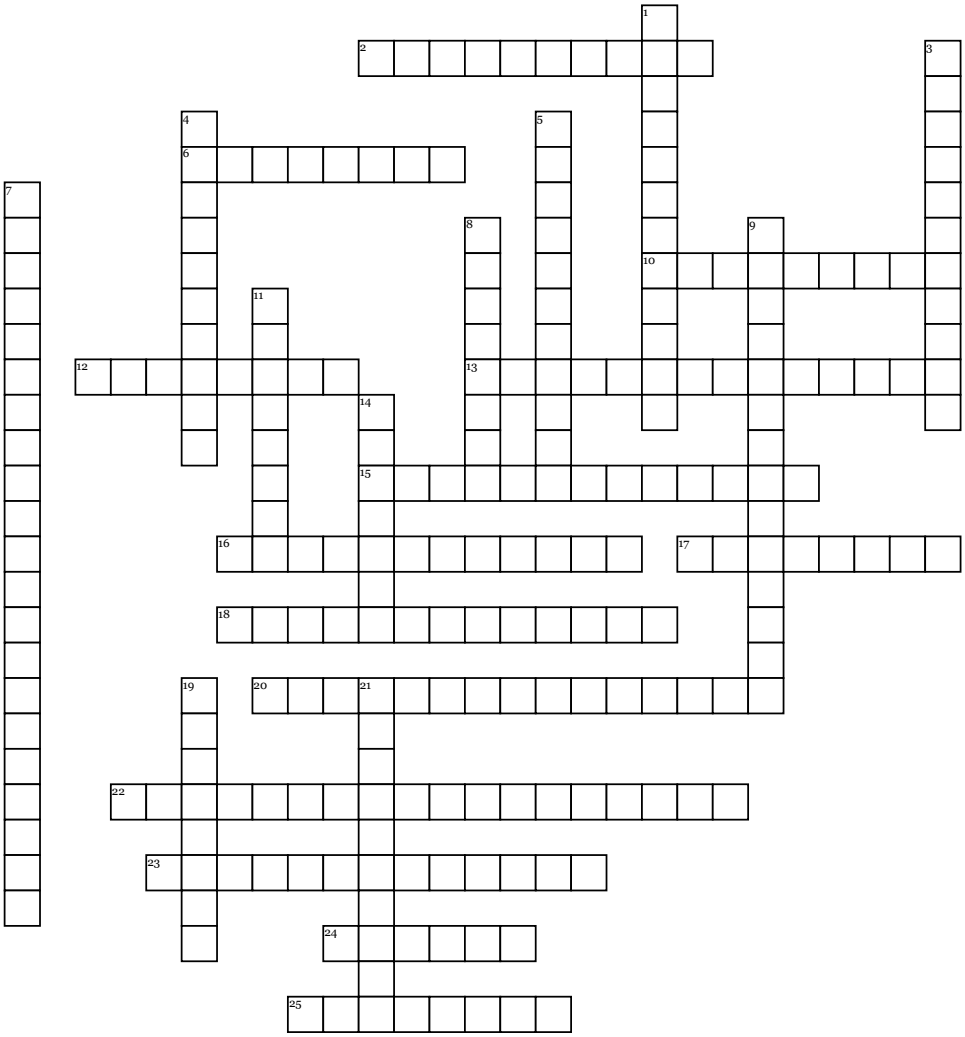
Name: _____ Date: _____ Period: _____

Points of Concurrecy



Across

2. a pair of adjacent angles formed when two lines intersect.
6. A triangle with 2 sides being congruent
10. The point at which the orthocenter, circumcenter, and centroid all line up.
12. the center of the incircle of a triangle
13. A triangle with 1 angle being more than 90
15. A triangle with all angles less than 90
16. Point at which a point will balance
17. he center of mass of a geometric object
18. A line that cuts the vertex in half
20. A set of lines that all intersect
22. The point where set of lines intersect
23. either of two angles whose sum is 180°
24. is a line segment that extends from one vertex of a triangle to the midpoint of the opposite side.
25. A giant bolder that orbits around the sun

Down

1. the point at which the perpendicular bisectors of the sides of a triangle intersect.
3. The common intersection of the three altitudes
4. is a segment connecting the midpoints of two sides of a triangle.
5. at equal distances
7. is a line that divide another line into two equal measures
8. is the point which is equidistant from the two vertices and in the center of the side.
9. each of the pairs of opposite angles made by two intersecting lines
11. a natural ability to do something
14. A triangle with all sides being the same length
19. the height of an object
21. find a way around

Word Bank

euler line	supplementary	Aptitude	Obtuse Triangle	Median
Scalene	Acute Triangle	Altitude	midsegment	Midpoint
Concurrent Lines	orthocenter	linear pair	incenter	Equidistant
centroid	center of mass	Angle bisector	Isoscles	Perpendicular Bisector
Point of Concurrency	Vertical Angles	Circumvent	circumcenter	Asteroid