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## Geometry



## Across

3. Point of concurrency in a triangle
4. The point in the middle of a line
5. The point of the triangle where the distance to each side is equal
6. Angle smaller than 90 degrees
7. A figure that goes on forever $\&$ is not defined
8. 2 Shapes having equal angles and corresponding sides
9. A quadrilateral whose angles all equal 90 degrees and sides are all the same length
10. The line that passes through 2 or more parallel lines
11. Reversing "if" and "then" in a statement
12. The measure of a surrounding area

## Down

1. Angle equal to 90 degrees
2. A statement that can be proven
3. Statements that don't need proof \& are accepted as true
4. A quadralateral with 4 equal sides, 2 obtuse angles \& 2 acute angles
5. A quadralateral whose sides can be grouped to 2 equal pairs
6. A line that goes on in 1 direction
7. When ~ if means ~ then
8. Space taken up by a figure
9. Formed by 2 lines $\&$ found at the vertex
10. A location

## Word Bank

| ray | angle | incenter | acute | point | transversal right |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| inverse | line | perimeter | postulate | rhombus | midpoint | similarity |
| theorem | area | Converse | centroid | kite | square |  |

