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## Unit 1 Similarity Congruence and Proofs



## Across

3. A circle $\qquad$ in a polygon intersect each line that contains a side the polygon at exactly one point.
4. A $\qquad$ is a quadrilateral with 4 congruent sides.
5. An $\qquad$ of a triangle is a perpendicular segment from a the opposite value.
6. A $\qquad$ quadrilateral with 4 right angles and 4 congruent sides.
7. A $\qquad$ of a triangle is a segment whose endpoints are a vertex of the triangle and the midpoint of opposite side.

## 11. Same shape but not same

12. A
transformation is dilatation or a composite of one or more dilation and one or more congruence transformation.
13. A $\qquad$ is a quadrilateral with 4 right sides.

## Down

1. The points concurrency of the medians triangle is the
?
2. A
is the ratio of the corresponding
sides of two similar polygons.
3. A $\qquad$ of triangle is a segment that joins the midpoints of 2 sides of the triangle.
4. A quadrilateral with two pairs of parallel sides is a $\qquad$
5. polygons is
2 polygons are similar if they corresponding angles are congruent and corresponding sides are in a proportion.
