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Unit 1 Similarity Congruence and Proofs

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| **Across**  **3.** A circle \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in a polygon intersect each line that contains a side the polygon at exactly one point.  **4.** A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a quadrilateral with 4 congruent sides.  **6.** An \_\_\_\_\_\_\_\_\_\_\_\_ of a triangle is a perpendicular segment from a the opposite value.  **8.** A \_\_\_\_\_\_\_\_\_\_\_\_\_ quadrilateral with 4 right angles and 4 congruent sides.  **9.** A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 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 \_\_\_\_\_\_\_\_\_\_ 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.  **5.** A \_\_\_\_\_\_\_\_\_\_\_ of triangle is a segment that joins the midpoints of 2 sides of the triangle.  **7.** A quadrilateral with two pairs of parallel sides is a \_\_\_\_\_\_\_\_  **10.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ polygons is 2 polygons are similar if they corresponding angles are congruent and corresponding sides are in a proportion. |