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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Unit 1 Similarity Congruence and Proofs

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|  |  |  | 12S |  I |  M |  I |  L |  A |  R |  I |  T |  Y |  T |  R |  A |  N |  S |  F |  O |  R |  M |  A |  T |  I |  O |  N |  |  |  |
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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.  |