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A Crossword Puzzle of the Language of Geometry

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| **Across****2.** the longest side of a right triangle**5.** exactly similar parts facing each other or around an axis.**7.** a transformation in which the figure is turned around a fixed center point**9.** 2 angles that add up to 180 degrees**15.** the continuous line forming the boundary of a closed figure**17.** part of a line that is bounded by two distinct end points**18.** a figure with three straight sides and three angles**19.** a seven-sided figure**20.** having a common vertex and a common side**22.** a triangle that has three unequal sides**23.** a transformation in which the figure is enlarged or decreased in size**25.** 2 angles that add up to 90 degrees | **Down****1.** a figure with at least three straight sides and angles**3.** at an angle of 90° to a given line**4.** a parallelogram with opposite equal acute angles, opposite equal obtuse angles, and four equal sides**6.** A line with a start point but no end point**8.** a transformation in which every point of the figure is moved in the same direction and for the same distance**10.** a figure with four straight sides and four right angles, especially one with unequal adjacent sides, in contrast to a square**11.** a transformation in which the figure is reflected across a line, creating a mirror image**12.** a quadrilateral with only one pair of parallel sides**13.** a figure with four equal straight sides and four right angles**14.** each angular point of a polygon**16.** A long thin mark made by a pen**21.** the space between two intersecting lines or surfaces at or close to the point where they meet**24.** a nine-sided figure |