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IED Unit 5 key terms Crossword

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| **Across**  **2.** A solid composed of two congruent circles in parallel planes, their interiors, and all the line segments parallel to the axis with endpoints on the two circles.  **3.** A straight line passing from side to side through the center of a circle or sphere.  **5.** A triangle that contains only angles that are less than 90 degrees.  **7.** The amount of matter in an object or the quantity of the inertia of the object.  **13.** A triangle with one angle that is greater than 90 degrees.  **14.** A straight line from the center to the circumference of a circle or sphere.  **16.** The measure of mass density is a measure of mass per volume.  **19.** To draw a figure within another so that their boundaries touch but do not intersect.  **21.** 1. A triangle located round a polygon such as a circle.  **22.** The amount of rotation needed to bring one line or plane into coincidence with another, generally measured in radians or degrees.  **23.** A regular polygon with four equal sides and four 90 degree angles.  **25.** A four-sided polygon.  **27.** Any plane figure bounded by straight lines.  **29.** The squared dimensions of the exterior surface | **Down**  **1.** A 3D point defining the geometric center of a solid.  **4.** A parallelogram with 90 degree angles. A square is also a rectangle.  **6.** A solid geometric figure whose two ends are similar, equal, and parallel rectilinear figures, and whose sides are parallelograms.  **8.** A four-sided polygon with both pairs of opposite sides parallel.  **9.** A four-sided polygon.  **10.** A triangle that has a 90 degree angle.  **11.** A polygon with three sides.  **12.** A curve formed at the interior intersection between two or more surfaces.  **15.** The numerical value of the ratio of the circumference of a circle to its diameter  **17.** The amount of three-dimensional space occupied by an object or enclosed within a container.  **18.** 1. An imaginary line through a body, about which it rotates.  **20.** A round plane figure whose boundary consists of points equidistant from the center  **24.** A straight or curved line that intersects a circle or arc at one point only.  **26.** A shape generated by a point moving in a plane so that the sum of its distances from two other points (the foci) is constant and equal to the major axis  **28.** The number of square units required to cover a surface. |