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Module 12 & 13: Area and Surface Area of Polygons & Volume

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| **Across**  **2.** the sum of the areas of the faces, or surfaces, of a three-dimensional figure  **7.** a quadrilateral with two pairs of parallel sides  **8.** an arrangement of two-dimensional figures that can be folded to form a solid figure  **11.** the number of cubic units needed to fill a given space  **12.** a figure made up of simple geometric shapes | **Down**  **1.** a three-sided polygon  **3.** In a pyramid or cone, the perpendicular distance from the base to the opposite vertex; in a triangle or quadrilateral, the perpendicular distance from the base to the opposite vertex or side; in a prism or cylinder, the perpendicular distance between bases.  **4.** a line segment that connects two nonadjacent vertices of a polygon  **5.** a three-dimensional figure  **6.** a quadrilateral with at least one pair or parallel sides  **9.** a side of a polygon; a face of a three-dimensional figure by which the figure is measured or classified  **10.** a three-dimensional figure with a polygon base and triangular sides that all meet at a common vertex |