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Chapter 1-3 Vocabulary

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| **Across**  **2.** A table used as a convenient method for organizing the truth values of statements  **6.** Are interior angles that lie on the same side of the transversal t.  **7.** An equation of the form y-y1=m(x-x1), where (x1,y1,) are the coordinates of any point on the line and m is the slope of the line.  **13.** Angles that lie between two transversals that intersect the same line.  **14.** The truth or falsity of a statement  **16.** Coplanar Lines that do not intersect  **17.** The point on a segment exactly halfway between the endpoints of the segment.  **18.** A basic undefined term of geometry.  **19.** Lines that do not intersect and are not coplanar  **21.** Lie on the same side of transversal t and on the same side of the parallel lines.  **22.** A linear equation of the form y=mx+b. The graph of such an equation has slope m and y-intercept b. | **Down**  **1.** Describes how a quantity is changing over time.  **3.** An angle with degree measure greater than 90 and less than 180.  **4.** Are nonadjacent exterior angles that lie on opposite sides of transversal t.  **5.** A logical argument in which each statement you make is supported by a statement that is accepted as true.  **8.**  A line that intersects two or more lines in a plane at different points.  **9.** An angle formed by one side of a triangle and the extension of another side.  **10.** Planes that do not intersect  **11.** Angles nonadjacent interior angles that lie on opposite side of the transversal  **12.** The distance between two lines measured along a perpendicular line is always the same.  **15.** For a (nonvertical) line containing two points (x1,y1) and (x2,y2) , the number m given by the formula m = y2-y1/x2-x1 where x2 doesn't equal x1  **20.**  A polygon with n sides. |