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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. |