Equations of lines

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| **Across****2.** slope = 0**5.** standard form of a linear equation**7.** ratio of rise to run**8.** Two lines that do not intersect. The slope of parallel lines are the same. **10.** an equation whose solution falls on a line on the coordinate plane**16.** the y-coordinates tend to decrease as the x-coordinates increase**17.** y = mx + b**18.** slope = undefined**20.** where the line crosses the y-axis**21.** Two lines that intersect at a right angle. The slopes of perpendicular lines are opposite reciprocals of each other.  | **Down****1.** a plane formed by the intersection of the x-axis and y-axis**3.** one of four regions created by the x-axis and y-axis in a coordinate plane**4.** amount of vertical change (difference in the y-values)**6.** the y-coordinates tend to increase as the x-coordinates decrease**9.** Two coordinates used to graph a point on a coordinate plane. Written as (x,y) **11.** where the line crosses the x-axis**12.** amount of horizontal change (difference in x-values)**13.** point slope form**14.** the point (0,0) where the x-axis and y-axis intersect on the coordinate plane**15.** A line which is flat--having no vertical change from left to right.**19.** How many points do you need to graph a line? |