Equations of lines

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|  |  |  |  |  |  | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 |  | 12 |  |  |  | 13 |  |  |
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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? |