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| 1. What property justifies the following: |  |
| 1. Write the equation of a line that has an undefined slope. |  |
| 1. Write the equation of a line that has a zero slope. |  |
| 1. Write the equation of a line with a positive slope and a negative y-intercept. |  |
| 1. Write the equation of a line that goes through the origin. |  |
| 1. Change ***4x + 12y = -36*** into slope-intercept form |  |
| 1. What are the x and y intercepts of ***7x -3y = 9*** |  |
| 1. If distance can be described as rate multiplied by time, solve the following equation for r to get rate in terms of distance and time. 2. **D=R\*T** 3. If you are driving down the highway going **80 MPH** how far will you have driven after **3 hours**? 4. How fast do you need to drive in order to go **120 miles** in **two hours**? | A.  B.  C. |
| 1. Solve -2 when x =-5 |  |
| 1. Provide the slope and y-intercept for each line and then give the slope intercept equation. | **Line r**  Slope:  y-intercept:  Equation:  **Line s**  Slope:  y-intercept:  Equation:  **Line t**  Slope:  y-intercept:  Equation: |