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| 1. What property justifies the following:

$$ 4\left(2x+7\right) to 8x+28$$ |  |
| 1. Write the equation of a line that has an undefined slope.
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| 1. Write the equation of a line that has a zero slope.
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| 1. Write the equation of a line with a positive slope and a negative y-intercept.
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| 1. Write the equation of a line that goes through the origin.
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| 1. Change ***4x + 12y = -36*** into slope-intercept form
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| 1. What are the x and y intercepts of ***7x -3y = 9***

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| 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 $\left|3x+6\right|$ when x =-5
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| 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: |