Show all work, and use Equation Editor or MathType to format all equations.

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| 3.1-52 | Graph . List at least five points on the line |
| 3.1-82 | Graph . Find the *x* and *y* intercepts. |
| 3.2-32 | Find the slope of the line through |
| 3.2-40 | Graph the line through (2,3) with slope 1/2 . |
| 3.3-18 | Write an equation for the line in the following graph. Use slope and intercept form if possible |
| 3.3-90 | Write an equation in slope-intercept form if possible for the line through  (0,–3) and (4,0). Make a sketch. |
| 3.4-19 | Find the equation of the line through (2,3) with slope 1/3. Write answer in slope-intercept form. |
| 3.4-36 | Find the equation of the line through (3,5) and (8,15). Write answer in standard form using only integers. |
| 3.5-6 | Write a formula that expresses the relationship described by “*m* varies directly as *p*”. Use *k* for the constant. |
| 3.5-32 | ***Christmas Tree***: The price of a Christmas tree varies directly with the height. If a 5-foot tree costs $20, what is the price of a 6-foot tree? |
| 3.6-8 | Determine which of the following points satisfy : |
| 3.6-82 | ***Maple Rockers***: Ozark furniture company can obtain at most 3,000 board feet of maple lumber for making its classic and modern maple rocking chairs. A classic maple rocker requires 15 board feet of maple, and a modern rocker requires 12 board feet of maple. Write an inequality that limits the possible number of maple rockers of each type that can be made. |