

## Slope-Intercept Form of a line

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$$y = mx + b$$

Where  $m$  is the slope and  
 $b$  is the y-intercept

## Point-Slope form of a line

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$$y - y_1 = m(x - x_1)$$

# Equations of Horizontal Lines

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All horizontal lines have the equation  $y = b$

Where  $b$  is the y-int. of the line

# Equations of Vertical Lines

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All vertical lines have the equation  $x = a$

Where  $x$  is the  $x$ -int. of the line