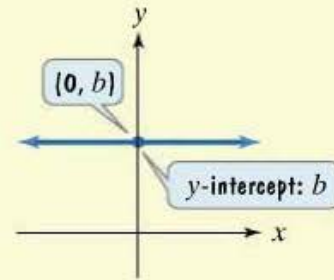


Equation of a Horizontal Line

A horizontal line is given by an equation of the form

$$y = b,$$

where b is the y -intercept of the line. The slope of a horizontal line is zero.

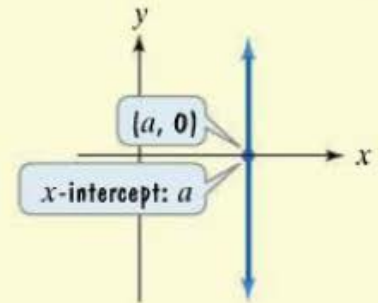


Equation of a Vertical Line

A vertical line is given by an equation of the form

$$x = a,$$

where a is the x -intercept of the line. The slope of a vertical line is undefined.



Example 4: Graph each equation in a rectangular coordinate system

