

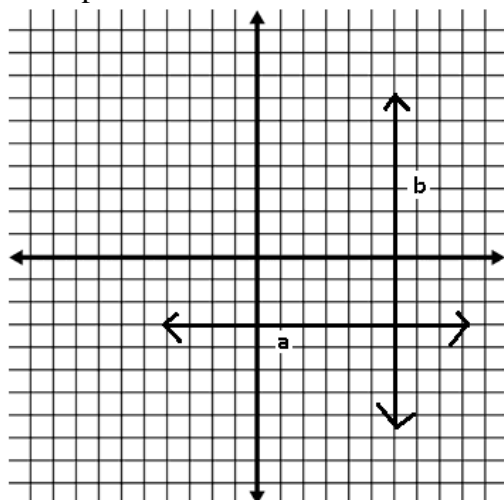
Unit 4 Objective 3 Remediation

Equations of Horizontal and Vertical Lines

Equation of a Vertical Line: $x = a$

Equation of a Horizontal Line: $y = b$

Example:



Equation of Line a:

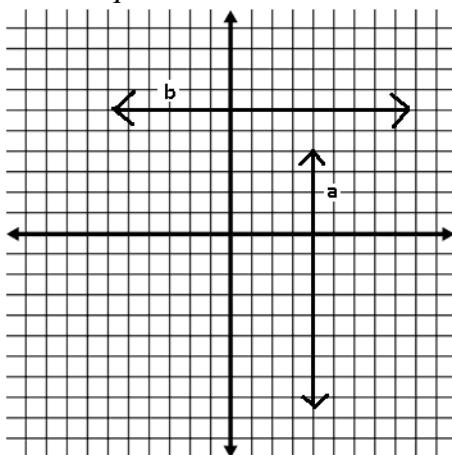
- Line a is horizontal so it will be $y = b$
- Since the line hits the y-axis at -3 the equation is: $y = -3$

Equation of Line b:

- Line b is vertical so it will be $x = a$
- Since the line hits the x-axis at 6 the equation is: $x = 6$

Write the equation for each line shown below.

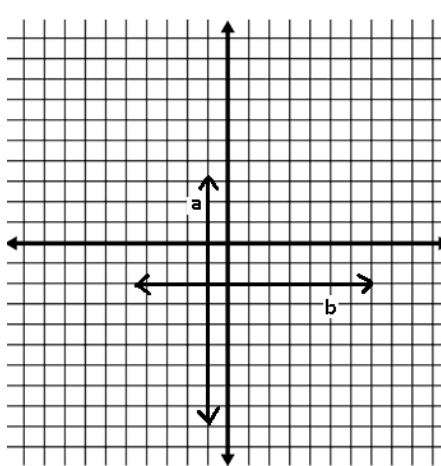
1.)



Equation of Line a: _____

Equation of Line b: _____

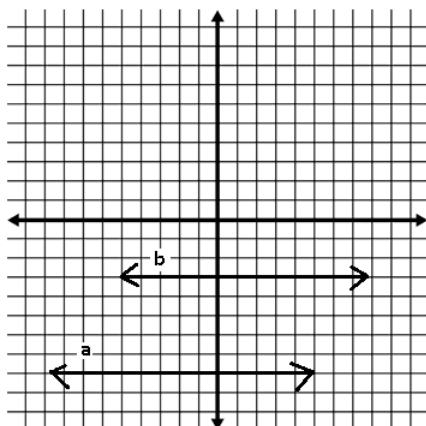
2.)



Equation of Line a: _____

Equation of Line b: _____

3.)



Equation of Line a: _____

Equation of Line b: _____