Determining the Equation of Horizontal and Vertical Lines

Horizontal Lines

What is the equation of the horizontal line?
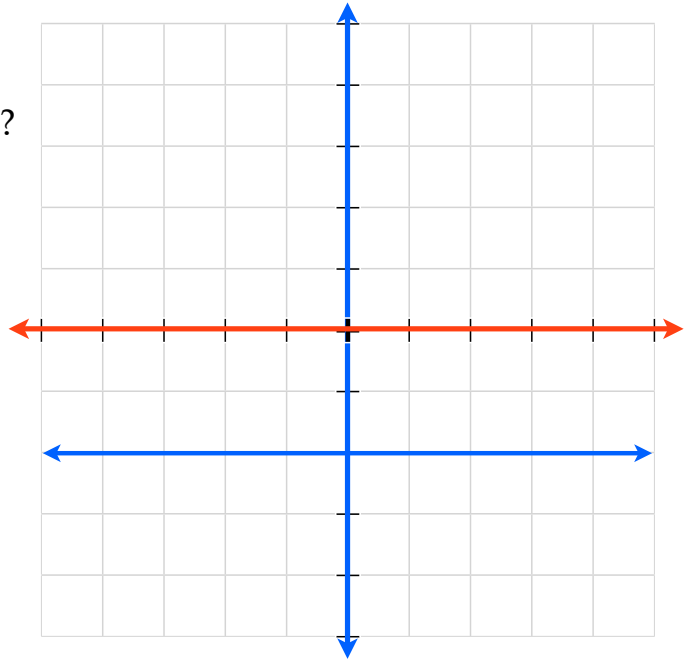
Pick some points that are on the line

Horizontal Lines

What is the equation of the horizontal line?

Pick some points that are on the line
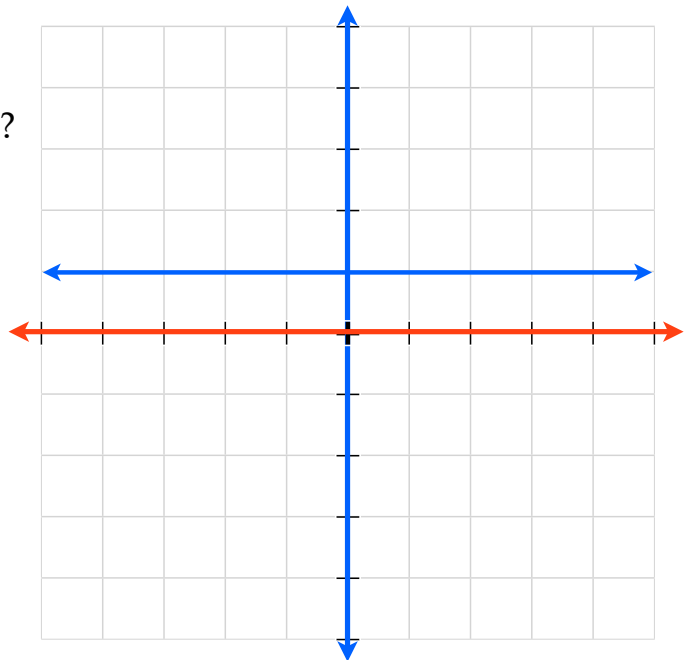
Horizontal Lines

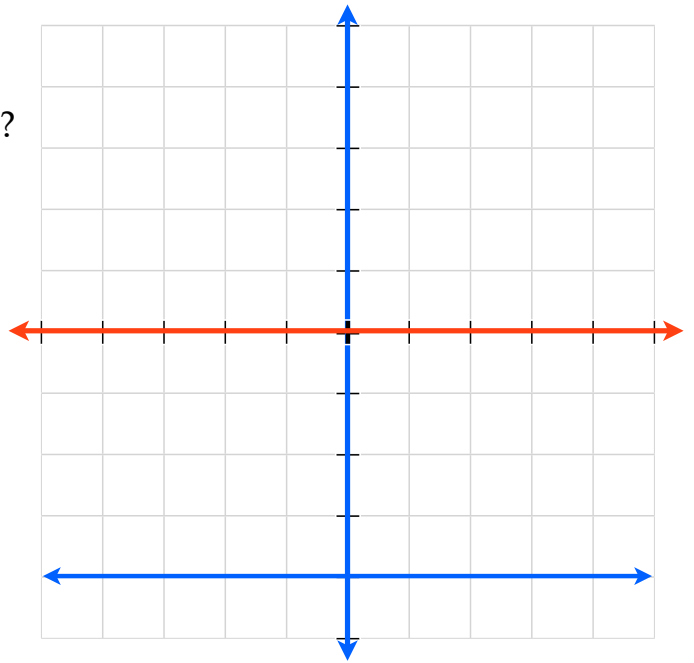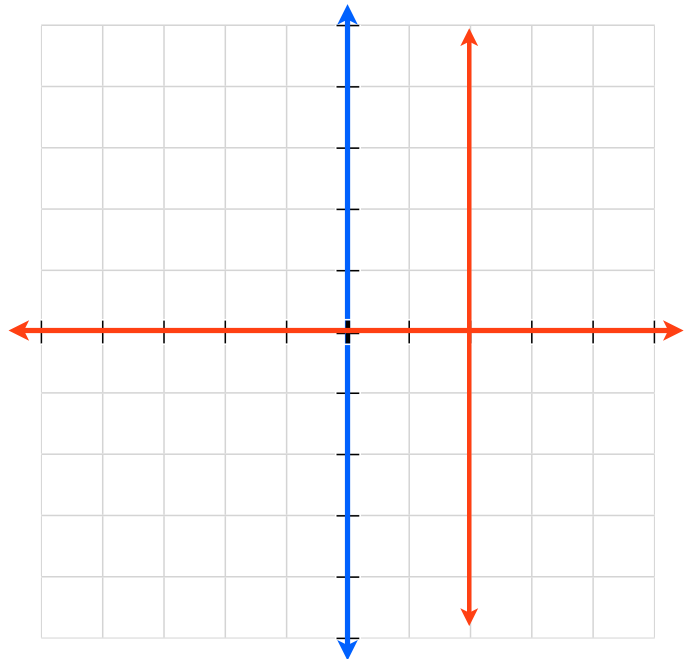What is the equation of the horizontal line?

Pick some points that are on the line

Vertical Lines

What is the equation of the vertical line?

Pick some points that are on the line

Vertical Lines

What is the equation of the vertical line?

Pick some points that are on the line

Vertical Lines
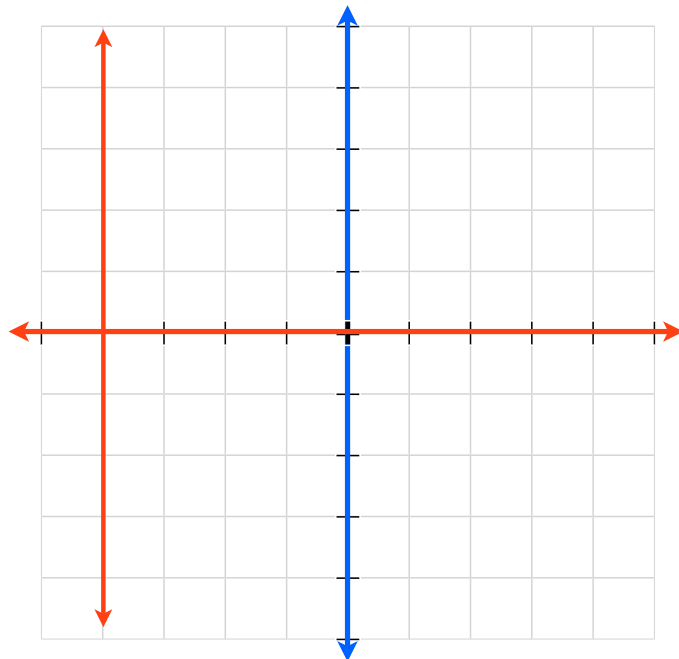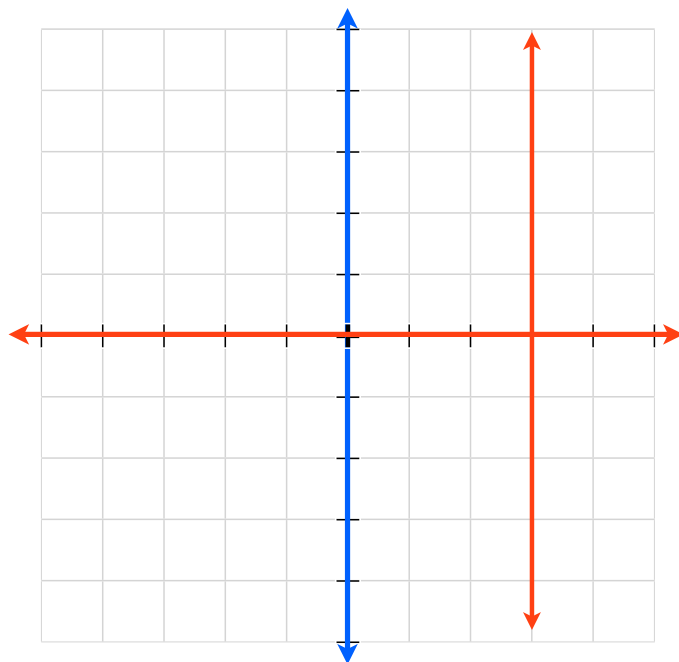
What is the equation of the vertical line?

Pick some points that are on the line

Determining the Equation of Horizontal and Vertical Lines

<div align="center">

Horizontal Lines

"$y = $" equation

slope = 0

</div>

<div align="center">

Vertical Lines

"$x = $" equation

slope is undefined

</div>

What is the equation of a Horizontal line that passes through point (3,8)?

What is the equation of a Vertical line that passes through point (-1,-4)?

<div align="center">

Horizontal Lines

"$y = $" equation

slope = 0

</div>

<div align="center">

Vertical Lines

"$x = $" equation

slope is undefined

</div>

What is the equation of a line with an undefined slope that passes through point (4,6)?

What is the equation of a line with a slope = 0 that passes through point (1,-5)?

Determining the Equation of Horizontal and Vertical Lines

Horizontal Lines

$"y ="$ equation

slope $= 0$

Vertical Lines

$"x ="$ equation

slope is undefined