Graphing Special Cases

LINEAR PARENT FUNCTION

Equation: y = x
Slope: m = 1
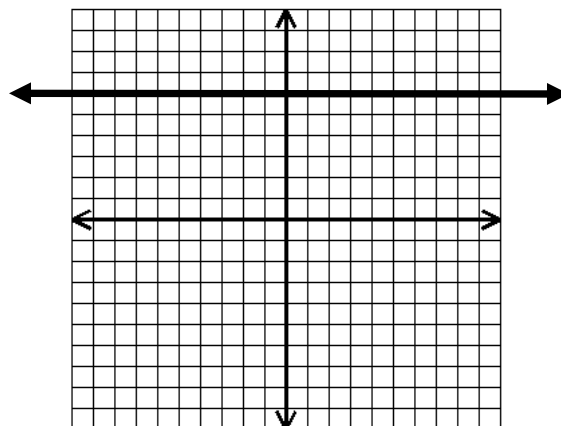**Y-intercept: b = 0**
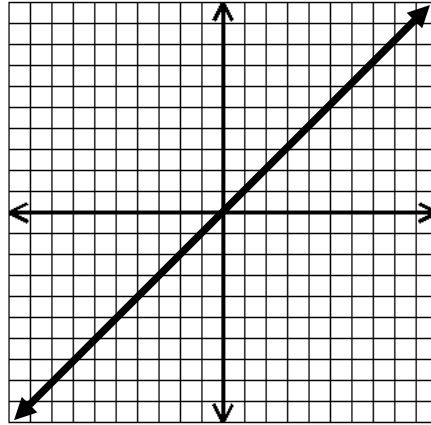
VERTICAL LINE

Equation : x =
Crosses the x-axis
Slope: m = undefined
Y-intercept: b = none
Example: x = 4

V
U
X
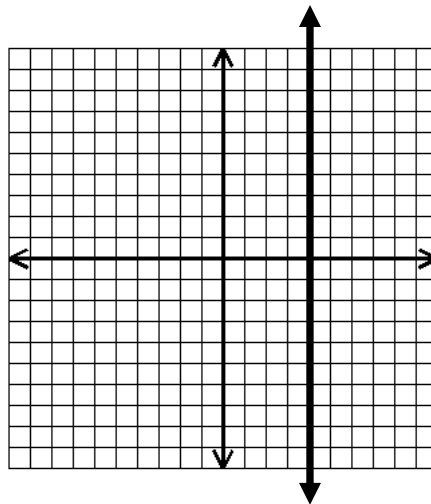
HORIZONTAL LINE

Equation : y =
Crosses the y-axis
Slope: m = 0
Y-intercept: b = number
Example: y = 6

H
O
Y