

5.3 Practice B (H&V Lines)

(1) Find the slope of the line through each pair of points; (2) then state if the line is horizontal, vertical, or neither.

1) (20, 9), (-16, 9)

$m=0$

HLINE

2) (18, 2), (18, 5)

$m=$ Undefined

VLINE

3) (-18, 8), (-18, -7)

$m=$ Undefined

VLINE

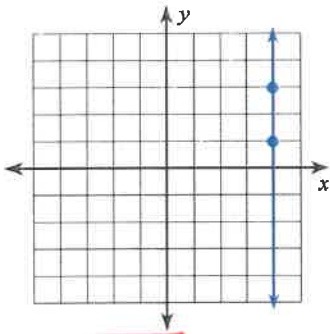
4) (1, -8), (19, -8)

$m=0$

HLINE

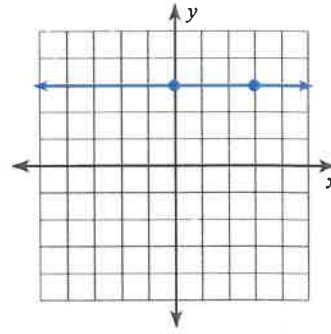
Find the slope of each line. Label with the correct variable notation.

5)



$m=$ Undefined

6)



$m=0$

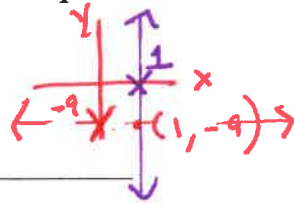
For each given point, write the equation of the horizontal line and the vertical line that goes through it.

7) (1, -9)

H-Line $y=-9$

V-Line $x=1$

$x=1$ and $y=-9$



8) (-6, 8)

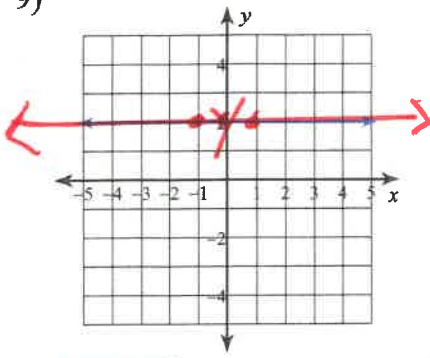
H-Line $y=8$

V-Line $x=-6$

$x=-6$ and $y=8$

Write the equation of each line.

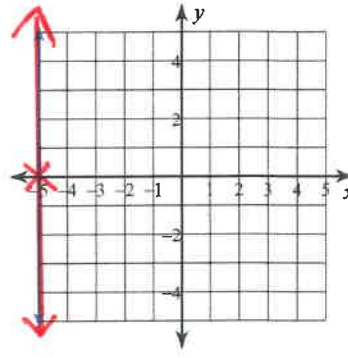
9)



$y = 2$

x	y
-1	2
0	2
1	2

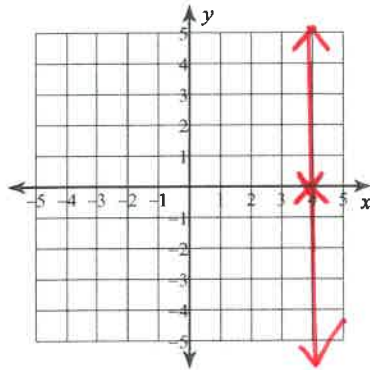
10)



$x = -5$

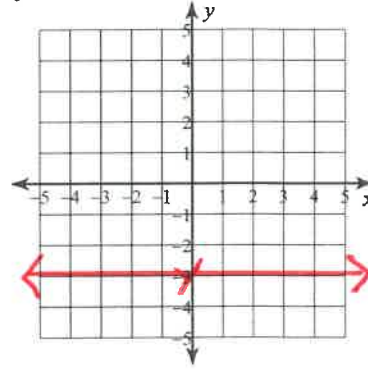
Graph each line:

11) $x = 4$



$x = 4$

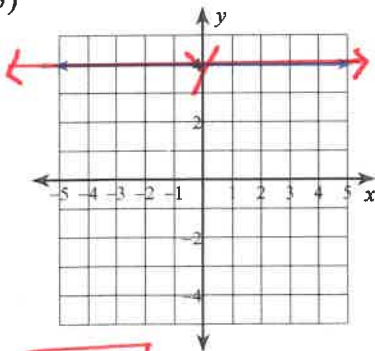
12) $y = -3$



$y = -3$

Write the equation of each line.

13)



$y = 4$

Sketch the graph of each line.

14) $x = 2$

