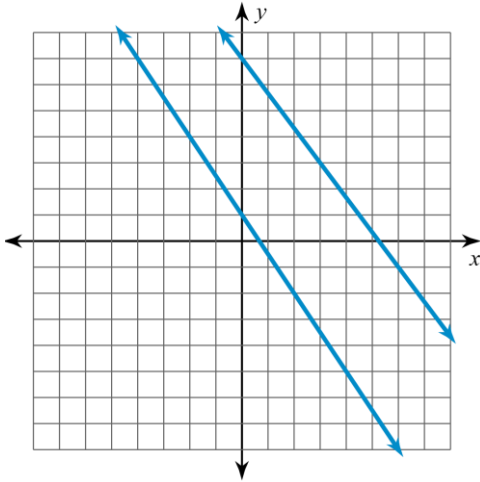


## EQUATIONS OF PARALLEL LINES: GUIDED NOTES

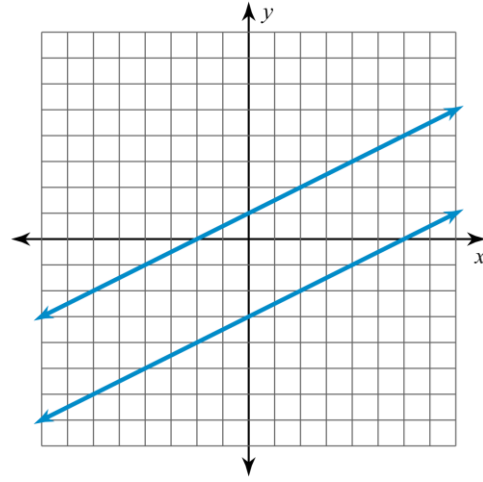
### Are These Lines Parallel?

Determine if each pair of lines are or are not parallel. Explain your thinking.

1)



2)



### Writing Equations

Write an equation of the line that has the given properties:

- 3) The line passes through  $(2, 1)$  and is parallel to  $y = 3x + 5$ .

- 4) The line passes through  $(-1, 4)$  and is parallel to  $y - 4 = -2(x - 3)$ .