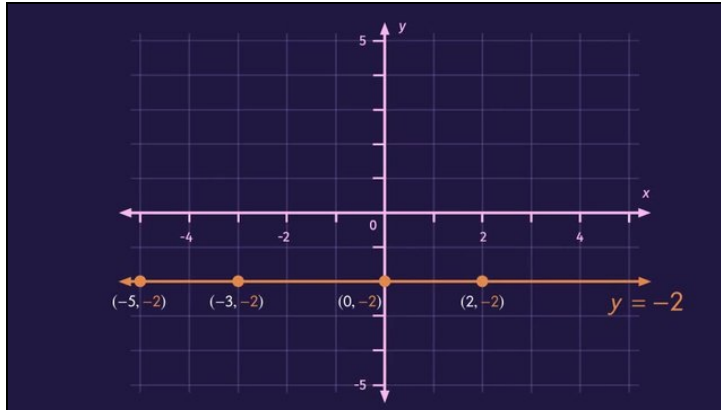




Printable Worksheets from [sofatutor.com](https://www.sofatutor.com)

The Graphs of Horizontal and Vertical Lines



- 1 Identify the type of line and their corresponding equations.
- 2 Identify the characteristics of horizontal lines.
- 3 Describe vertical lines.
- 4 Identify the corresponding equation to the graphed line.
- 5 Decide if the line is horizontal or vertical.
- 6 Calculate the slope of the line given two points and identify what type of line it is.
- + with lots of tips, answer keys, and detailed answer explanations for all of the problems.






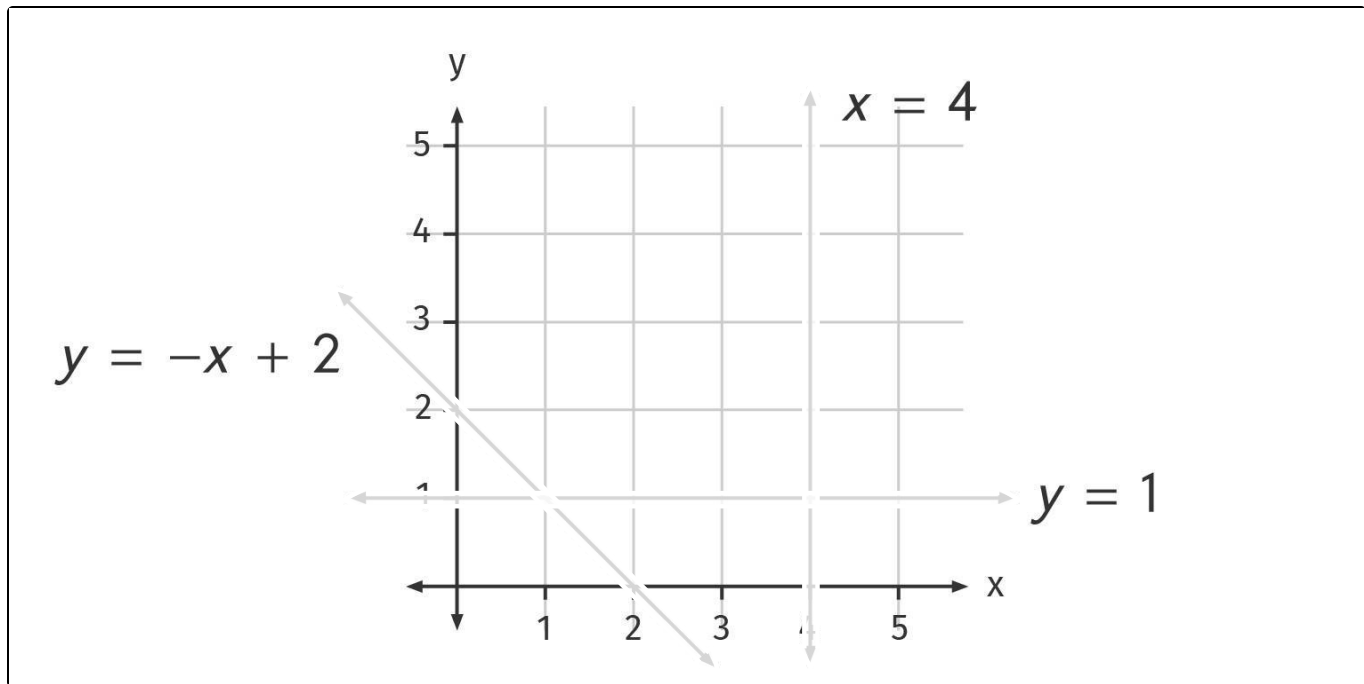
The complete package, including all problems, hints, answers, and detailed answer explanations is available for all [sofatutor.com](https://www.sofatutor.com) subscribers.



Identify the type of line and their corresponding equations.

Highlight the corresponding lines. Use different colors.

 vertical  horizontal  neither



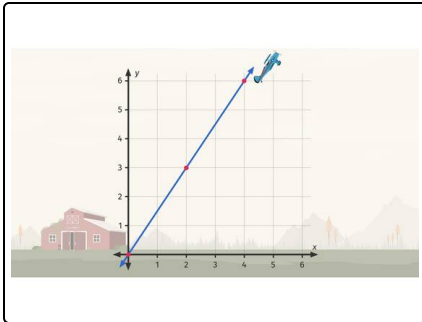


Hints for solving these problems

1
of 6

Identify the type of line and their corresponding equations.

Hint #1



Here you see the line given by $y = \frac{3}{2}x$

You can see that the line is neither horizontal or vertical.

Hint #2

A horizontal line is parallel to the x -axis.

A vertical line is parallel to the y -axis.

Hint #3

The equation of any horizontal line is given by $y = c$ with a constant c .

Hint #4

The equation of any vertical line is given by $x = c$ with a constant c .



Answers and detailed answer explanations for these problems

1
of 6

Identify the type of line and their corresponding equations.



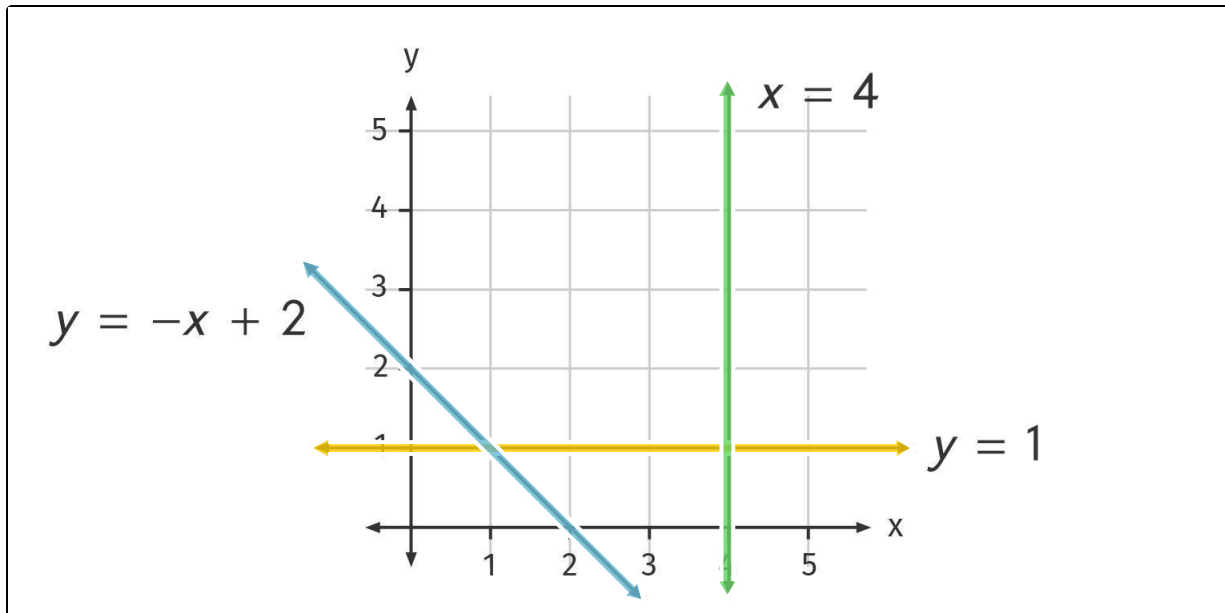
vertical



horizontal



neither



In the picture you see three lines:

- The line corresponding to $y = 1$ is parallel to the x -axis. This line is **horizontal**.
- The line corresponding to $x = 4$ is parallel to the y -axis. This line is **vertical**.
- The last line according to $y = -x + 2$ passes the y -axis in $(0, 2)$ and the x -axis in $(2, 0)$. This line is neither horizontal or vertical.