Math Practice - Grade 8

M3 Proportional relationships, slope, linear equations - Write the equation of a line

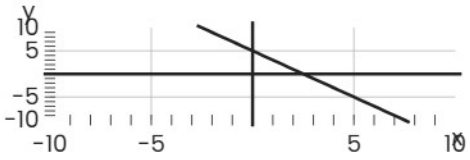
M3 8.EE.B.5, 8.EE.B.6

Name: _____ Date: _____

Read the line on the graph. Write its equation in the box.

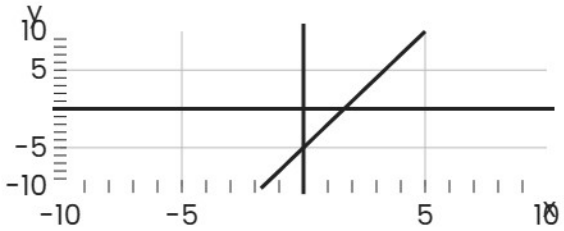
Example: Write the equation of the line.

How: For a line through the origin, y equals m times x, where m is the slope. For a line that crosses the y axis at b, y equals m times x plus b.



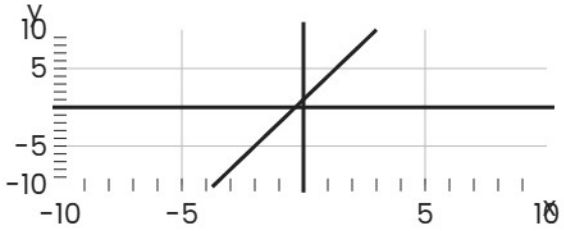
y = -2x + 5

1



y = ☐

2



y = ☐

3



y = ☐

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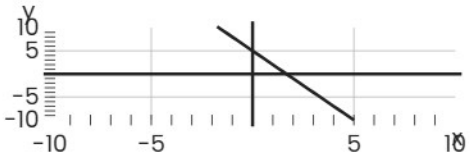


y = -3x + 5

1



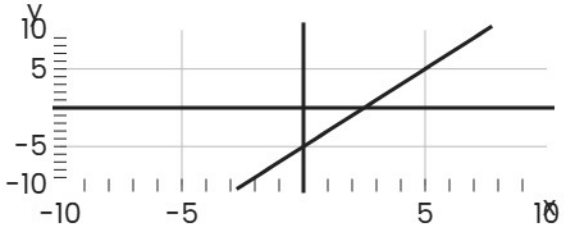
y = ____

2



y = ____

3



y = ____

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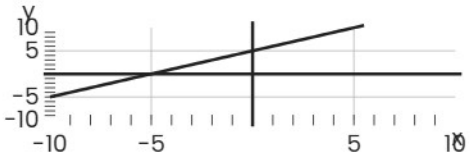
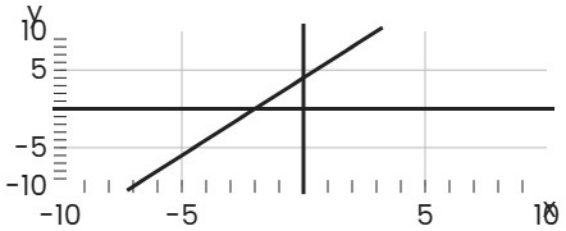


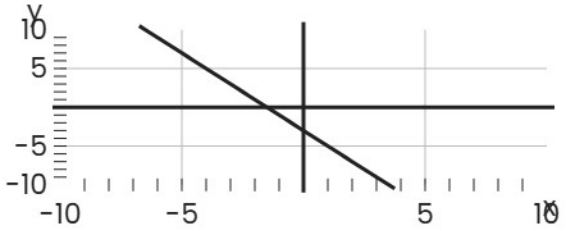
y = x + 5

1



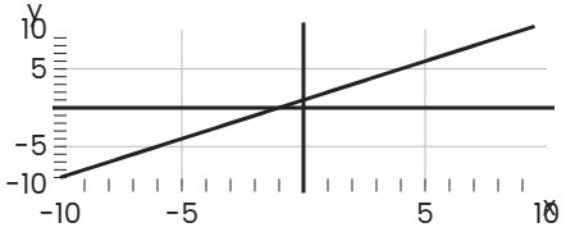
y = ☐

2



y = ☐

3



y = ☐