Math Practice - Grade 8

M3 Proportional relationships, slope, linear equations - Slope as rise over run from a graph

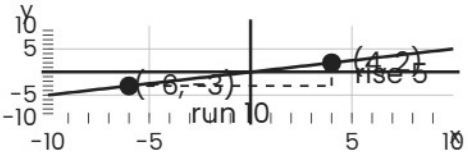
M3 8.EE.B.5, 8.EE.B.6

Name: _____ Date: _____

Read the two marked points on the graph. Write the slope in the box.

Example: Find the slope of the line. The two marked points are (-6, -3) and (4, 2).

How: Pick two points on the line. Slope is the change in y over the change in x, rise over run. A line through the origin is proportional.



$\frac{1}{2}$

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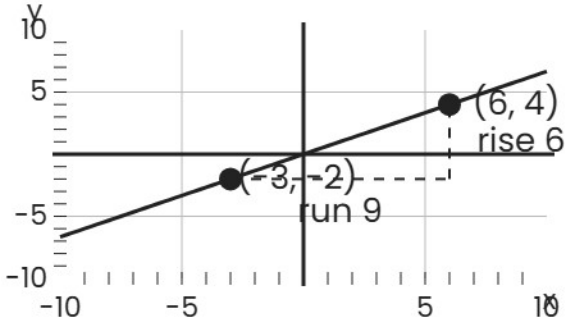
1 **Find the slope of the line. The two marked points are (-3, -2) and (6, 4).**



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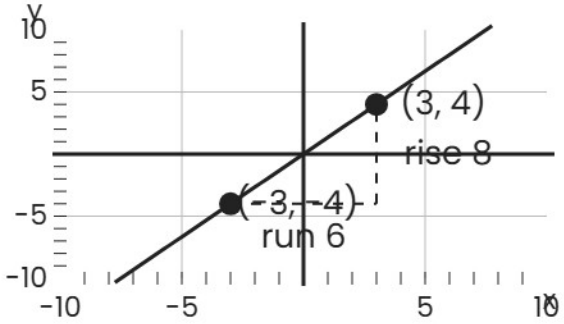
2 **Find the slope of the line. The two marked points are (-3, -4) and (3, 4).**



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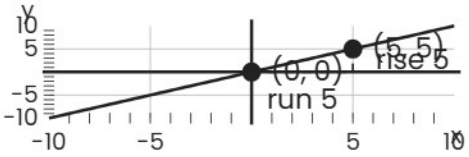
Name: _____ Date: _____

Read the two marked points on the graph. Write the slope in the box.

Example: Find the slope of the line. The two marked points are (0, 0) and (5, 5).

How: Pick two points on the line. Slope is the change in y over the change in x, rise over run. A line through the origin is proportional.



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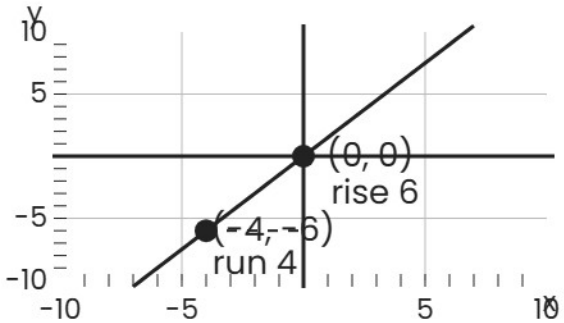
1 **Find the slope of the line. The two marked points are (-4, -6) and (0, 0).**



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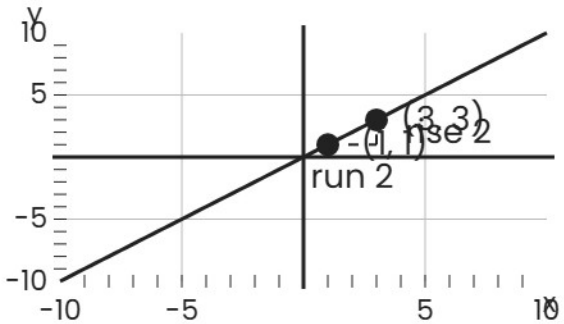
2 **Find the slope of the line. The two marked points are (1, 1) and (3, 3).**



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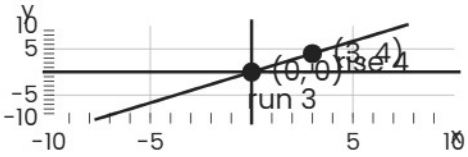
M3 8.EE.B.5, 8.EE.B.6

Name: _____ Date: _____

Read the two marked points on the graph. Write the slope in the box.

Example: Find the slope of the line. The two marked points are (0, 0) and (3, 4).

How: Pick two points on the line. Slope is the change in y over the change in x, rise over run. A line through the origin is proportional.



$\frac{4}{3}$

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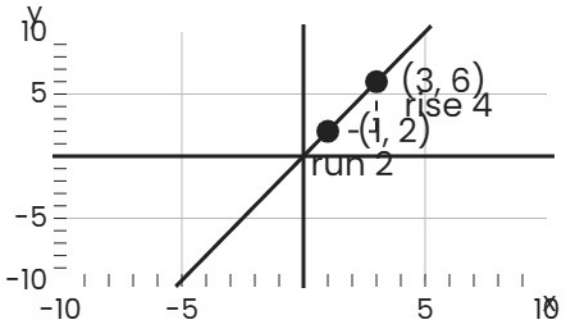
1 **Find the slope of the line. The two marked points are (1, 2) and (3, 6).**



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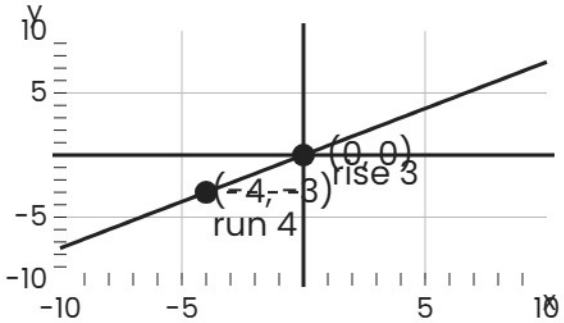
2 **Find the slope of the line. The two marked points are (-4, -3) and (0, 0).**



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