

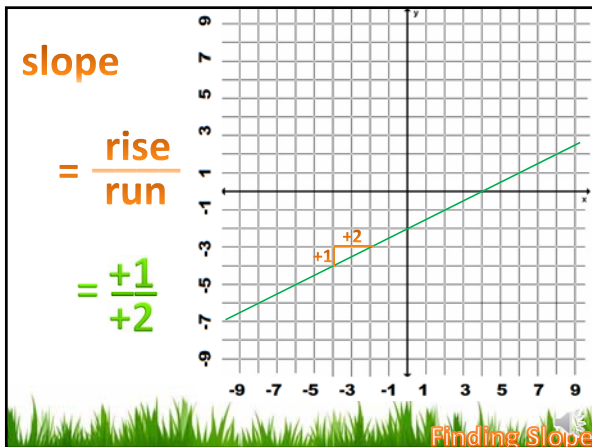
MasterMath

Algebra

Finding Slope







slope = $\frac{\Delta y}{\Delta x}$

= $\frac{1 - (-1)}{6 - 2}$

= $\frac{+2}{+4}$

= $\frac{+1}{+2}$

Δ means "change in"

Finding Slope

slope = $\frac{\Delta y}{\Delta x} = 2$

= $\frac{2}{1}$

(2+1, 4+2)

= $\frac{4}{2}$

(2+2, 4+4)

= $\frac{-4}{-2}$

(2+(-2)), (4+(-4))

Finding Slope

Finding Slope

YOU TRY IT

Hit your Pause Key, try the problem, then hit your Forward Key to move to the answer.

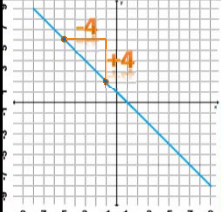
What is the slope of this line?

You try it!

Finding Slope YOU TRY IT slope = $\Delta y / \Delta x$

$+4 / -4 = -1$

What is the slope of this line?



You try it!

Finding Slope YOU TRY IT Hit your Pause Key, try the problem, then hit your Forward Key to move to the answer.

Two points on a line are (6, 3) and (2, 6). What is the slope of the line?

You try it!

Finding Slope YOU TRY IT slope = $\Delta y / \Delta x$

$(3-6) \div (6-2) = -3/4$

Two points on a line are (6, 3) and (2, 6). What is the slope of the line?

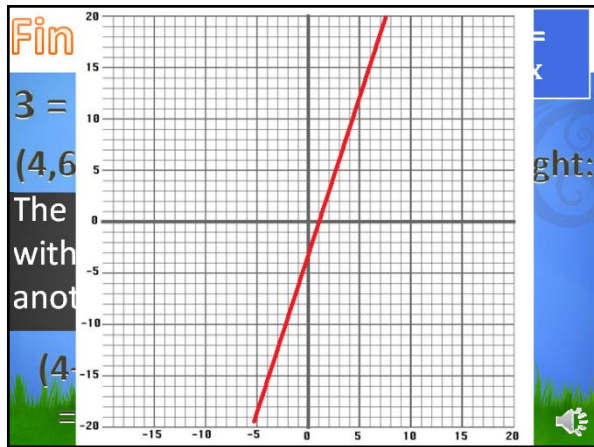
You try it!

Finding Slope

Hit your Pause Key, try the problem, then hit your Forward Key to move to the answer.

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The point (4,6) is on a line with a slope of 3. Find another point on that line. You try it!



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Finding Slope
