

Student Activity on Equation of a Line

Use in connection with the interactive file "Equation of a Line" on the Student's CD.



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7.	Move the slider c. What happens the line as c increases?
8.	Move the slider c. What happens the line as c decreases?
9. axis.	Move the slider c. Compare the value of c to the point where the line crosses the y- Describe the relationship between c and this point (the y-intercept)?
10.	Which part of the equation of the line is related to the slider c?
11.	The equation of a line is $y = 2x+3$. Write down the slope of this line
12.	Write down the point where the line y = 2x+3 crosses the y-axis
13.	Keeping c = 0, move the slider m. Describe what is special about the lines that have
c=0_ 14.	The equation of a line is y = 5x. Write down the slope of this line
Writ	e down the coordinates of the point where the line y =5x crosses the y-axis

If you've completed "Student Activity on Slope" you should try the file "Constructing a Line Quiz 2" to test what you have just learned.

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