Section 1.1
Lines and Increments

Use Calculator page Increments

How do we make Δx change?

How do we make Δy change?

What do Δx & Δy represent?

Write the equation of the line.

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Equations of Lines

slope
intercepts

point slope

slope intercept

standard

horizontal lines
vertical lines

parallel slopes
perpendicular slopes

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Write the equation the line:

m = -3 and through (4,-2)

through (-2,1) and (3,-6)

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Write the equation of:

the vertical line and the horizontal line through (-7, 9)

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Find the equation of the line: a) parallel and b)perpendicular to $2x+3y=9$ through the point $(2, 2)$

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Find the relationship between Fahrenheit and Celsius temperature. Find the Celsius equivalent of 90 degrees Fahrenheit. Find the Fahrenheit equivalent of -5 degrees Celsius.

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windows sizes of the graphs in the book

interval notation

rates of change mph, $ per item

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