

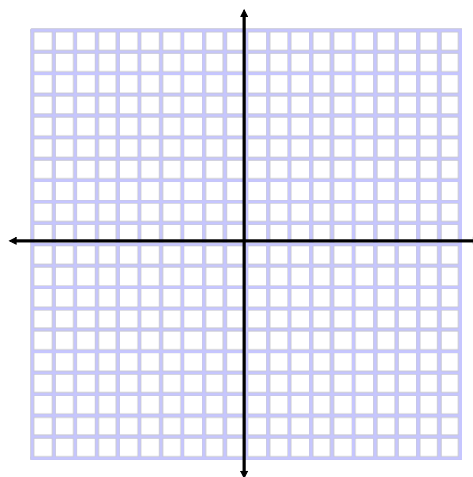
Learning Goal:

By the end of today I will be able to create the equation of a quadratic in factored form when given data points or the actual graph of the function.

Oct 8-3:52 PM

$$y = mx + b$$

Find the equation of the linear relationship that passes through A(3,1) and has a slope of -2.



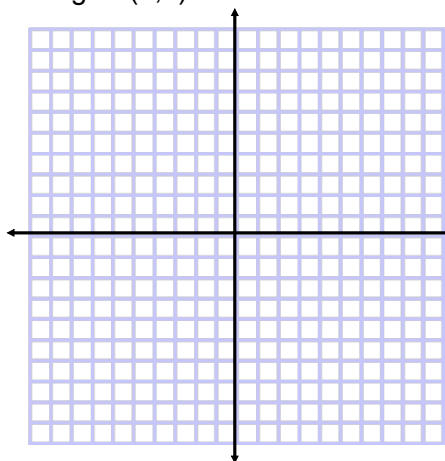
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Standard Form $y = ax^2 + bx + c$

Factored Form $y = a(x - s)(x - t)$

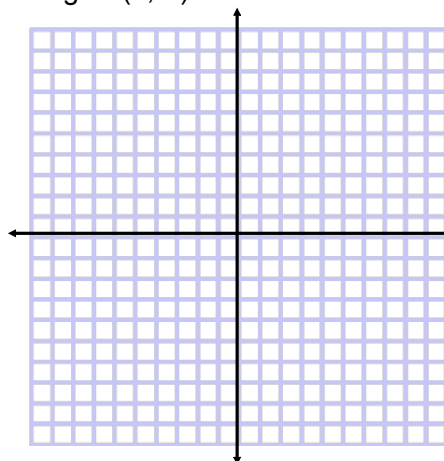
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Find the equation of the quadratic that has x intercepts of (-3,0) and (-1,0) and passes through A(0,6).



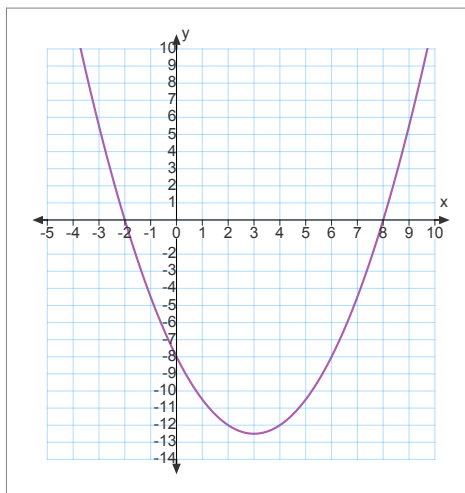
Oct 8-4:00 PM

Find the equation of the quadratic that has x intercepts of (4,0) and (-2,0) and passes through A(6,-5).



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Find the equation of the following quadratic in STANDARD form:



Oct 8-4:03 PM

Consolidation Questions:

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