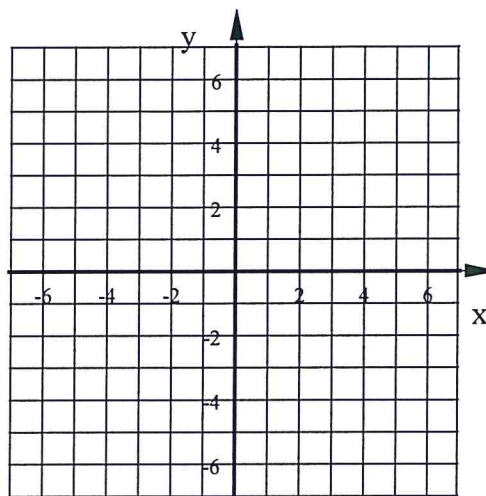
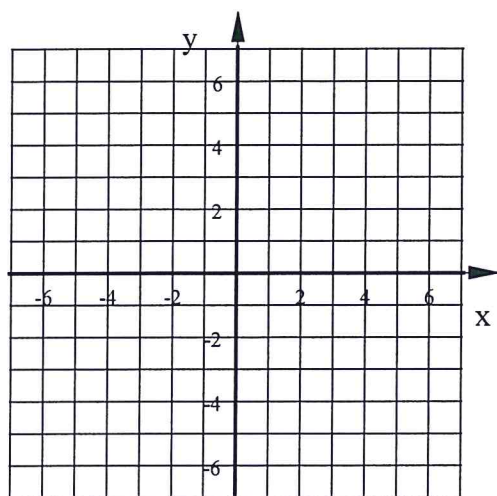


Algebra 2 Bellwork Tuesday, November 10, 2015

Graph each quadratic using at least five points.

1. $y = -3x^2 - 6x + 3$

2. $y = 2x^2 - 16x + 29$



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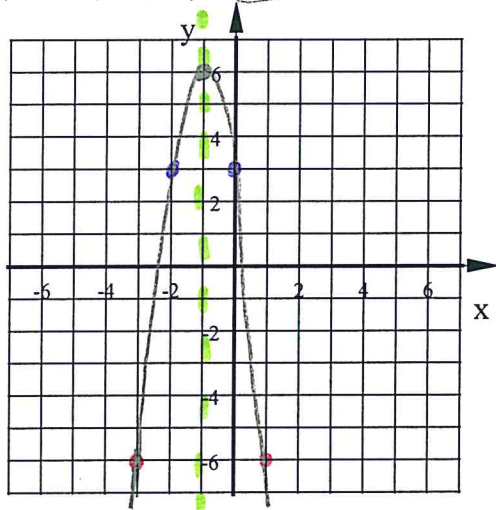
Graph each quadratic using at least five points.

Answers

1. $y = -3x^2 - 6x + 3$

LOS: $x = \frac{b}{2(-a)} = \frac{6}{-6} = -1$

Vertex $(-1, 6) \rightarrow -3(-1)^2 - 6(-1) + 3$



$y\text{-int} = 3$

X	Y
1	-6

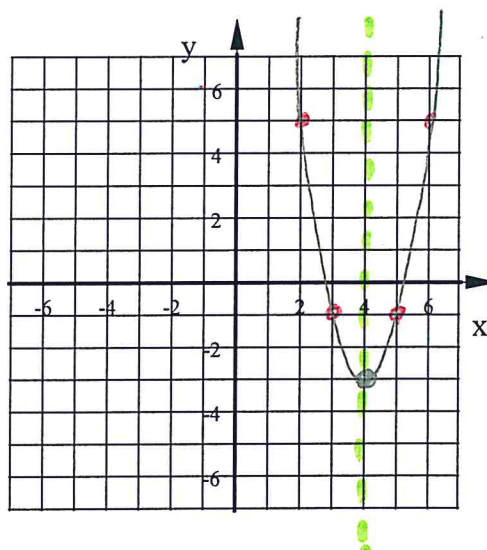
2. $y = 2x^2 - 16x + 29$

LOS: $x = \frac{16}{2(2)} = \frac{16}{4} = 4$

Vertex $(4, -3)$

$2(4)^2 - 16(4) + 29$

$y\text{-int} = 29$



X	Y
3	-1
2	5