

Alg 2 Extra Practice for Quiz

$\sqrt{80}$

$4\sqrt{252}$

$-\sqrt{196}$

$3\sqrt{-125}$

$\sqrt{-9}$

$\sqrt{-640}$

$-3i * 5i$

$-4i * -8i$

$-6i^3 * 2i^4$

$6i(5i^2)$

$(-3i)^3$

i^{44}

i^{15}

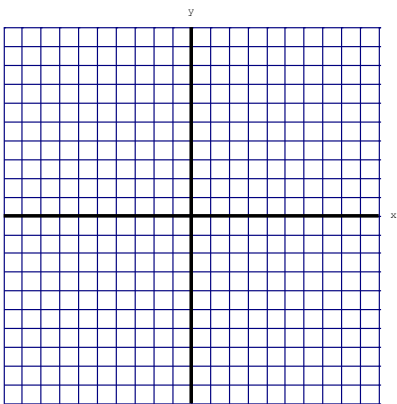
i^{135}

Solve. Name the Vertex, X-intercepts, and Y-intercepts. Then graph.

$f(x) = -8(x + 4)^2 + 8$

$f(x) = \frac{1}{2}(2x - 1)(2x + 5)$

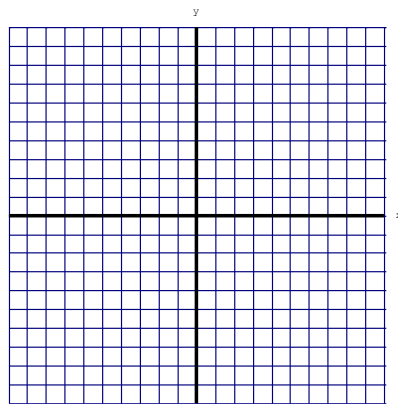
$f(x) = -2x^2 + 8x - 9$



Vertex:

Y-intercept:

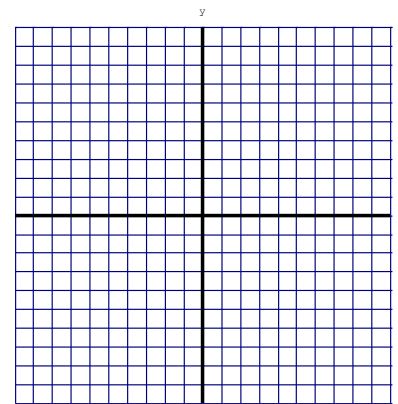
X-intercepts:



Vertex:

Y-intercept:

X-intercepts:



Vertex:

Y-intercept:

X-intercepts: