Calculus I	**Name:** _____
DLA Series 9	**Class:** _____
Due Date: _____	**Score:** _____

No Work ⇔ No Points

Use Pencil Only ⇔ Be Neat & Organized

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1. Consider $f(x) = x^2 - 4x$,

(a) (5 points) Find its vertex.

(a) _____

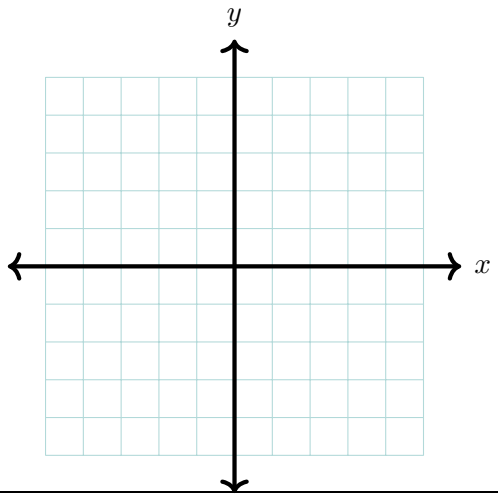
(b) (4 points) Find all its $x-$ints.

(b) _____

(c) (2 points) Find its $y-$int.

(c) _____

(d) (4 points) Graph $f(x)$ over the interval $[-1, 4]$.



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2. Consider $f(x) = -x^2 + 4x - 4$,

(a) (5 points) Find its vertex.

(a) _____

(b) (4 points) Find all its $x-$ints.

(b) _____

(c) (2 points) Find its $y-$int.

(c) _____

(d) (4 points) Graph $f(x)$ over the interval $[-1, 3]$.