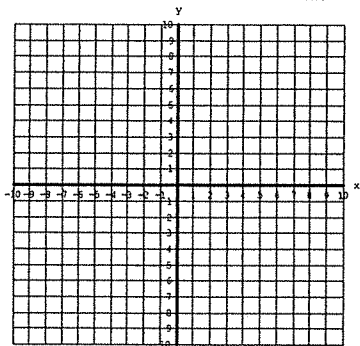


Name: _____

Graph each function.

1.) $f(x) = x^2 - 2x - 3$

$a = \underline{\hspace{1cm}}$, $b = \underline{\hspace{1cm}}$, $c = \underline{\hspace{1cm}}$



Axis of symmetry: _____

Vertex: _____

Max or min? _____

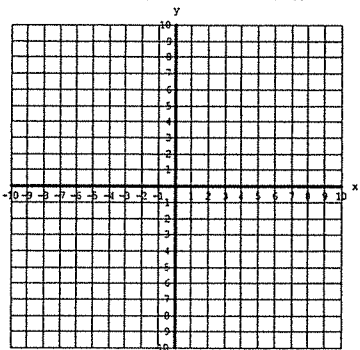
Direction of opening? _____

Domain: _____

Range: _____

2.) $y = -x^2 + 2x + 2$

$a = \underline{\hspace{1cm}}$, $b = \underline{\hspace{1cm}}$, $c = \underline{\hspace{1cm}}$



Axis of symmetry: _____

Vertex: _____

Max or min? _____

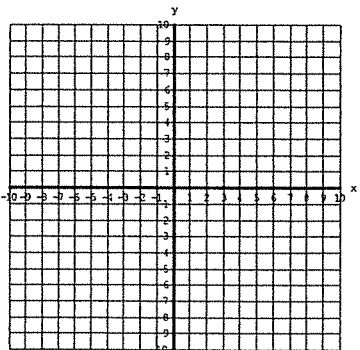
Direction of opening? _____

Domain: _____

Range: _____

3.) $g(x) = -2x^2 + 8x - 5$

$a = \underline{\hspace{1cm}}$, $b = \underline{\hspace{1cm}}$, $c = \underline{\hspace{1cm}}$



Axis of symmetry: _____

Vertex: _____

Max or min? _____

Direction of opening? _____

Domain: _____

Range: _____