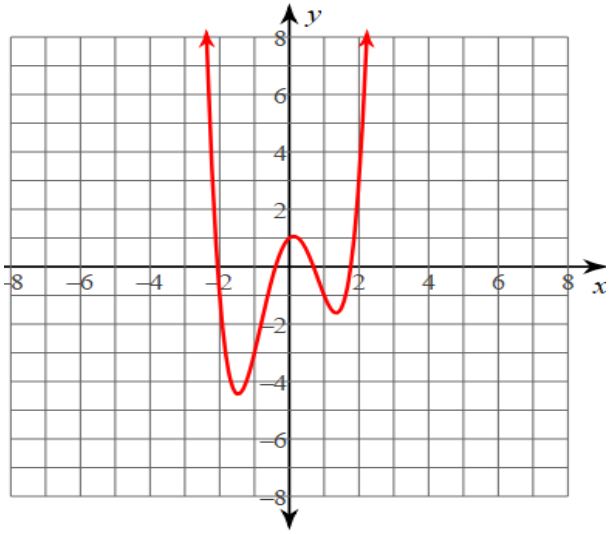
Name: _____ Date: _____

$f(x) = x^4 - 4x^2 + x + 1$



Domain:_____ Range:_____

Zeros:_____ Y-int:_____

Rel. Max:_____ Rel. Min: _____

Abs. Max: _____ Abs. Min: _____

Inc: Dec:

End Behavior ?:

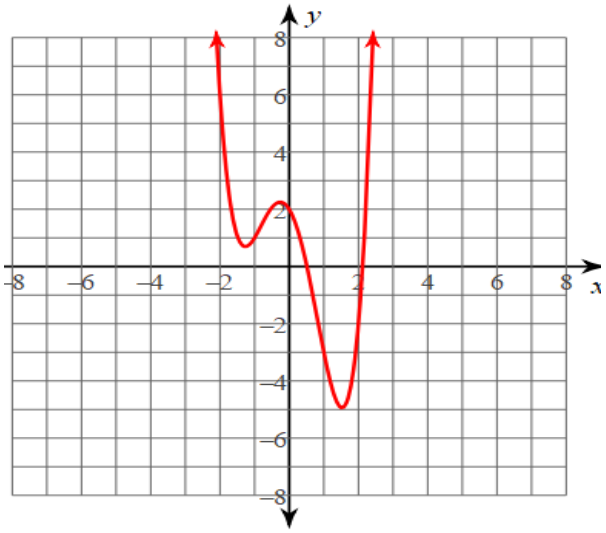
$x \to \infty$, $f(x) \to$ _____

$x \to -\infty$, $f(x) \to$ _____

Degree (Name):_____

Number of Terms (name): _____

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



Domain:_____ Range:_____

Zeros:_____ Y-int:_____

Rel. Max:_____ Rel. Min: _____

Abs. Max: _____ Abs. Min: _____

Inc: Dec:

End Behavior ?:

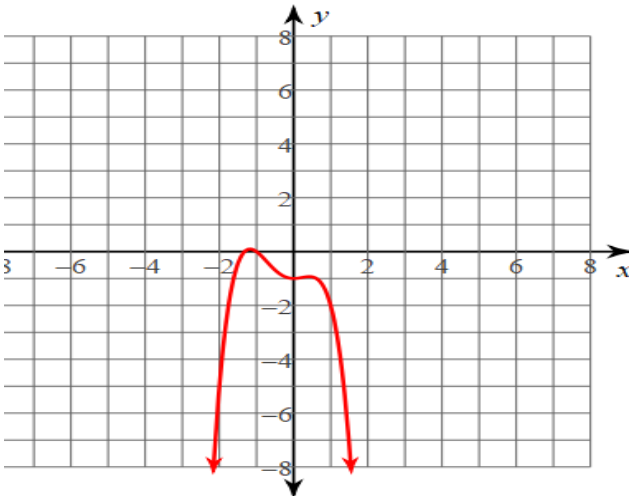
$x \to \infty$, $f(x) \to$ _____

$x \to -\infty$, $f(x) \to$ _____

Degree (Name):_____

Number of Terms (name): _____

$f(x) = -x^4 - x^3 + x^2 - 1$



Domain:_____ Range:_____

Zeros:_____ Y-int:_____

Rel. Max:_____ Rel. Min: _____

Abs. Max: _____ Abs. Min: _____

Inc: Dec:

End Behavior ?:

$x \to \infty$, $f(x) \to$ _____

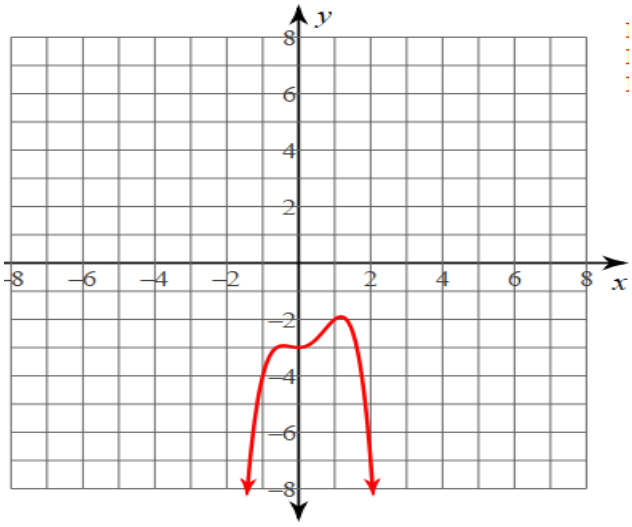
$x \to -\infty$, $f(x) \to$ _____

Degree (Name):_____

Number of Terms (name): _____

Name: _____ Date: _____

$f(x) = -x^4 + x^3 + x^2 - 3$



Domain:_____ Range:_____

Zeros:_____ Y-int:_____

Rel. Max:_____ Rel. Min: _____

Abs. Max: _____ Abs. Min: _____

Inc: Dec:

End Behavior ?:

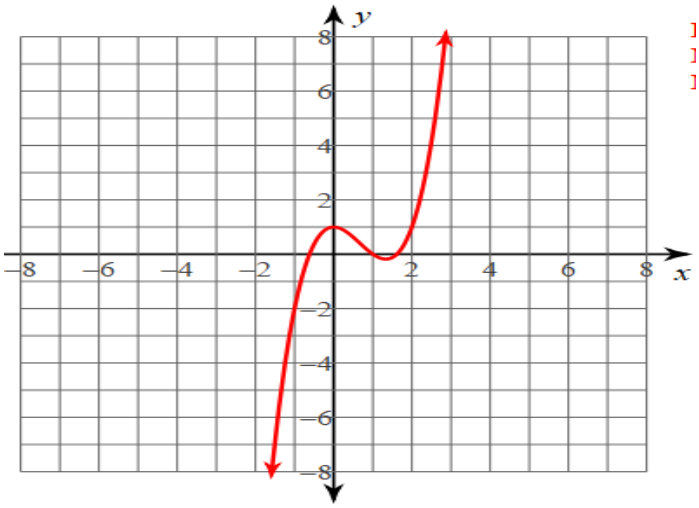
$x \to \infty$, $f(x) \to$ _____

$x \to -\infty$, $f(x) \to$ _____

Degree (Name):_____

Number of Terms (name): _____

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



Domain:_____ Range:_____

Zeros:_____ Y-int:_____

Rel. Max:_____ Rel. Min: _____

Abs. Max: _____ Abs. Min: _____

Inc: Dec:

End Behavior ?:

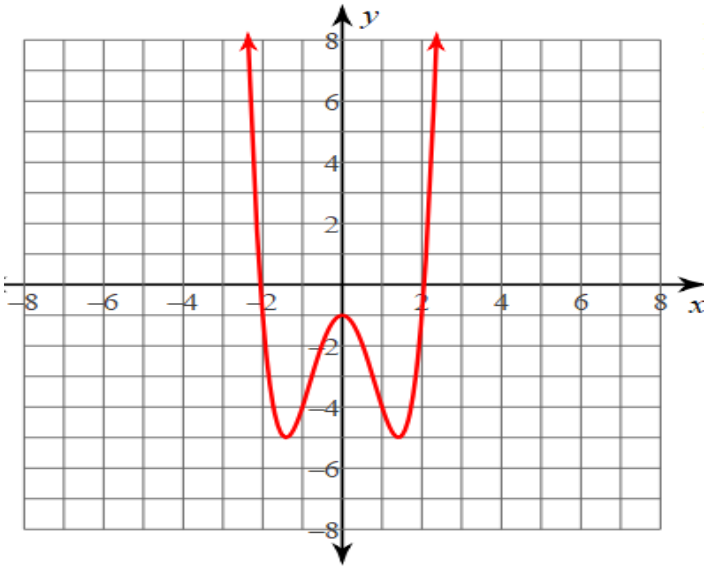
$x \to \infty$, $f(x) \to$ _____

$x \to -\infty$, $f(x) \to$ _____

Degree (Name):_____

Number of Terms (name): _____

$f(x) = x^4 - 4x^2 - 1$



Domain:_____ Range:_____

Zeros:_____ Y-int:_____

Rel. Max:_____ Rel. Min: _____

Abs. Max: _____ Abs. Min: _____

Inc: Dec:

End Behavior ?:

$x \to \infty$, $f(x) \to$ _____

$x \to -\infty$, $f(x) \to$ _____

Degree (Name):_____

Number of Terms (name): _____