Absolute Value $y = |x|$

| x | y |
|---|---|

Absolute Value $y = |x|$

| x | y |
|---|---|

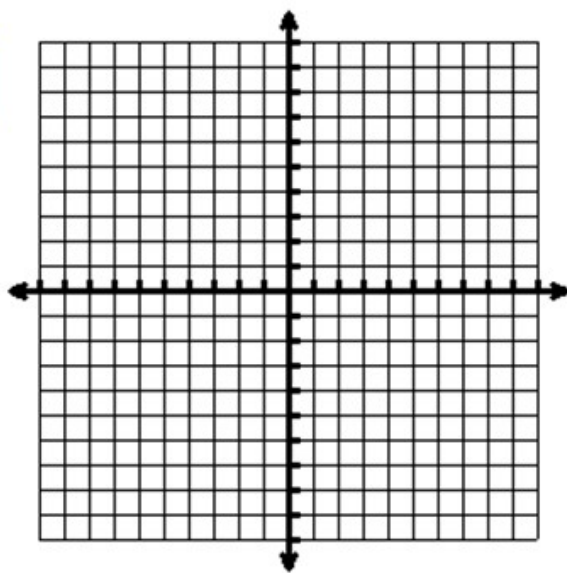## Characteristics

Vertex:                    Axis of symmetry:

Domain:                   Range:

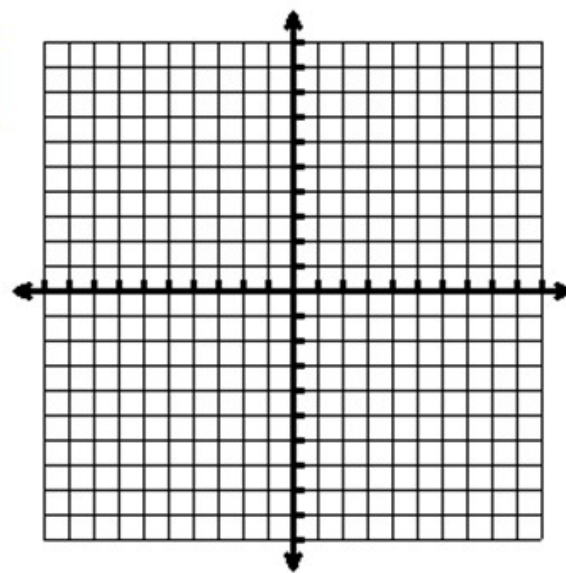Max:                      Min:

Int of Inc:               Int of Dec:

x-intercept:              y-intercept:

end behavior:

## Characteristics

Vertex:                    Axis of symmetry:

Domain:                   Range:

Max:                      Min:

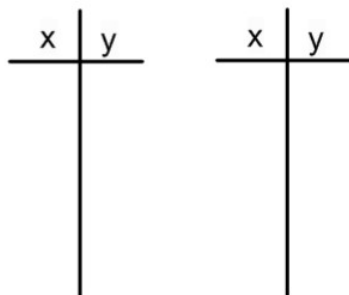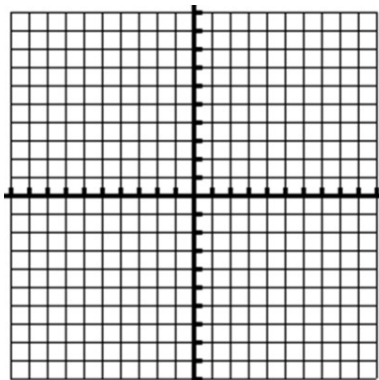Int of Inc:               Int of Dec:
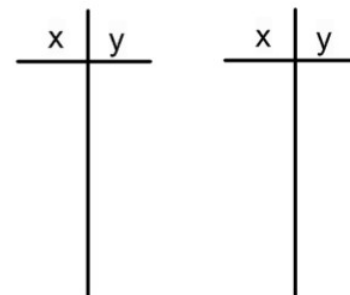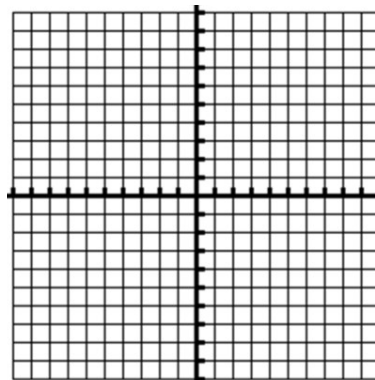
x-intercept:              y-intercept:

end behavior:

$f(x) = 2|x-4| - 3$

| x | y |
|---|---|

| x | y |
|---|---|

Vertex: _____  Extrema: _____

Domain: _____  Range: _____

Int of Inc: _____  Int of Dec: _____

X-Intercept: _____  Y-Intercept: _____

End Behavior: _____

_____

$h(x) = \frac{1}{2}|x-1| - 2$

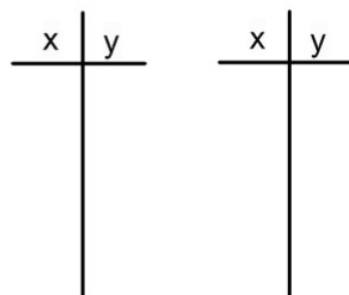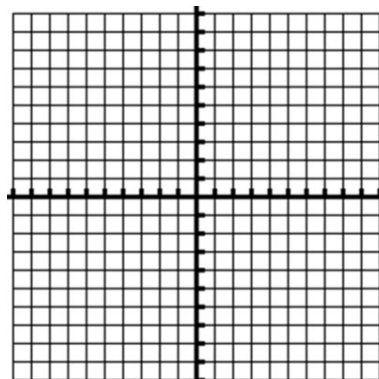| x | y |
|---|---|

| x | y |
|---|---|

Vertex: _____  Extrema: _____

Domain: _____  Range: _____

Int of Inc: _____  Int of Dec: _____

X-Intercept: _____  Y-Intercept: _____

End Behavior: _____

_____

$f(x) = -|2x+4| - 6$

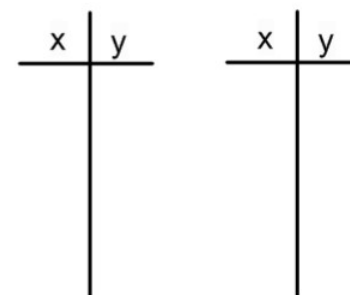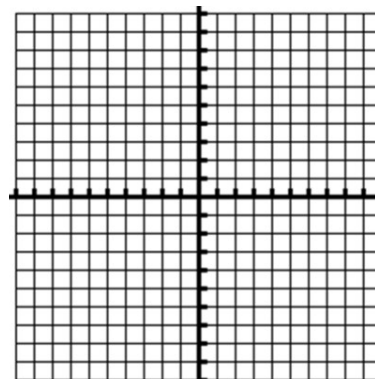| x | y |
|---|---|

| x | y |
|---|---|

Vertex: _____  Extrema: _____

Domain: _____  Range: _____

Int of Inc: _____  Int of Dec: _____

X-Intercept: _____  Y-Intercept: _____

End Behavior: _____

_____

$g(x) = -2\left|1 + \frac{1}{3}x\right| + 4$

| x | y |
|---|---|

| x | y |
|---|---|

Vertex: _____  Extrema: _____

Domain: _____  Range: _____

Int of Inc: _____  Int of Dec: _____

X-Intercept: _____  Y-Intercept: _____

End Behavior: _____

_____