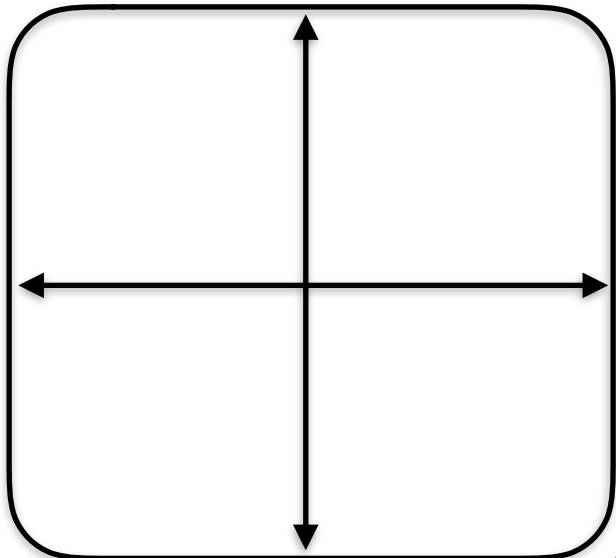$f(x)=(x+2)^2(x-2)(x-4)$

Zeros:

X - Intercepts:

Y- Intercept:

End Behavior: if $x \to \infty$ then $y \to$ _____
                    if $x \to -\infty$ then $y \to$ _____

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

Zeros:

X - Intercepts:

Y- Intercept:

End Behavior: if $x \to \infty$ then $y \to$ _____
                    if $x \to -\infty$ then $y \to$ _____
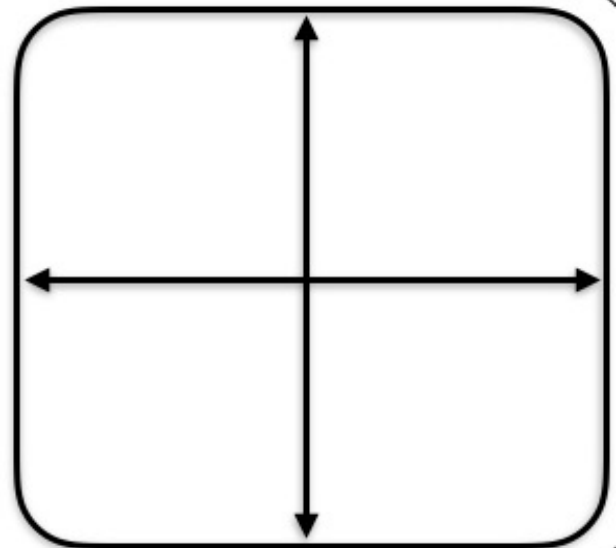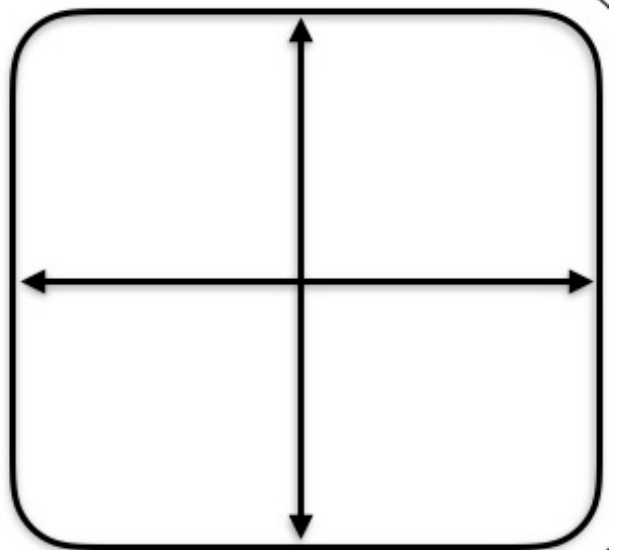
$f(x)=-(x+2)^2(x-2)^2(x-4)$

Zeros:

X - Intercepts:

Y- Intercept:

End Behavior: if $x \to \infty$ then $y \to$ _____
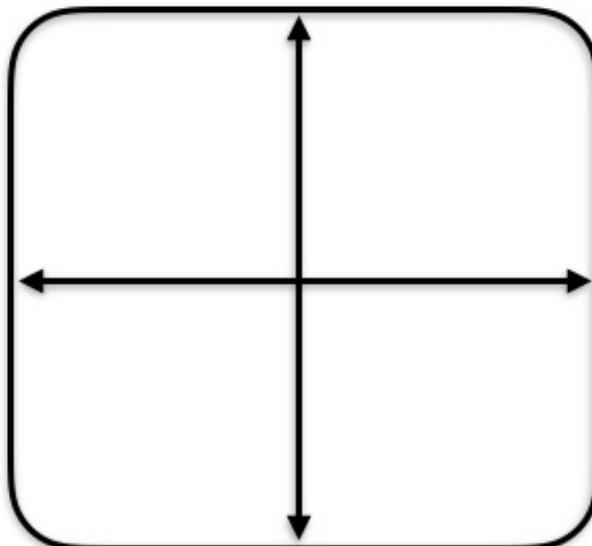   if $x \to -\infty$ then $y \to$ _____

$$f(x)=(2x+3)(4x-3)(x-5)$$

Zeros:

X - Intercepts:

Y- Intercept:

End Behavior: if $x \to \infty$ then $y \to$ _____
                if $x \to -\infty$ then $y \to$ _____

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

Zeros:

X - Intercepts:

Y- Intercept:

End Behavior: if $x \to \infty$ then $y \to$ _____
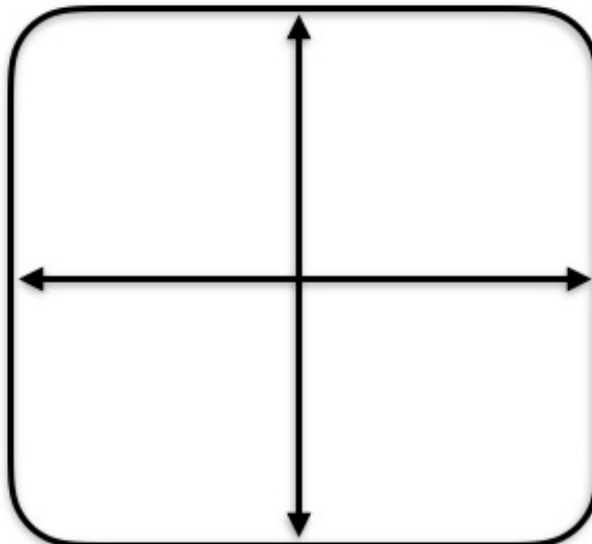   if $x \to -\infty$ then $y \to$ _____

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

Zeros:

X - Intercepts:

Y- Intercept:

End Behavior:
                if $x \to \infty$ then $y \to$ _____
                if $x \to -\infty$ then $y \to$ _____