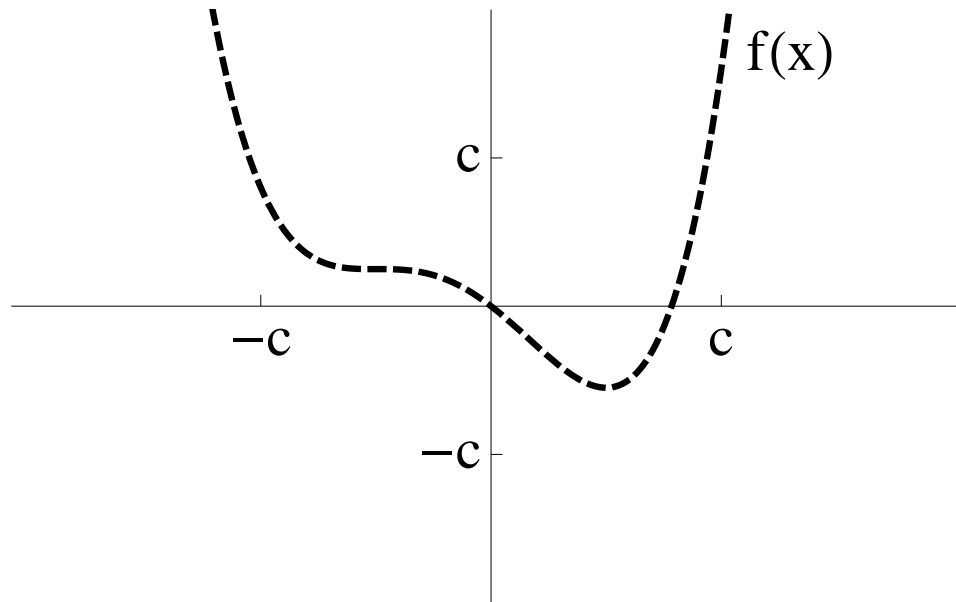
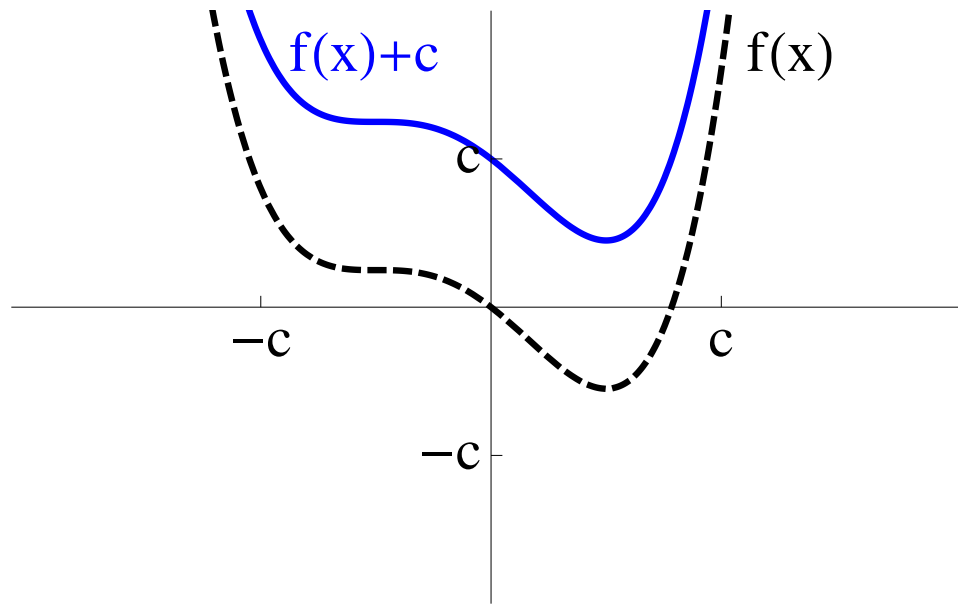


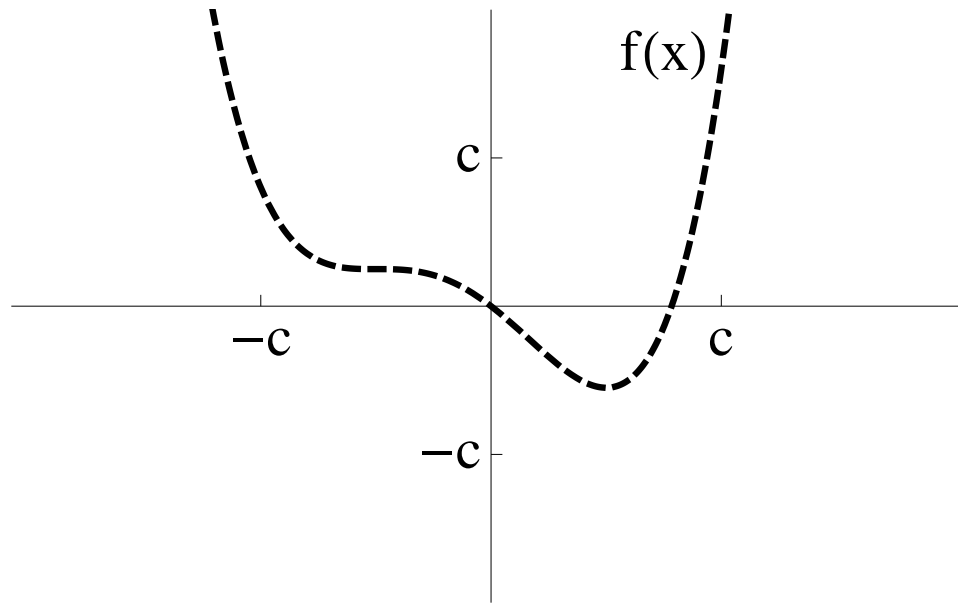
$$y = f(x)$$



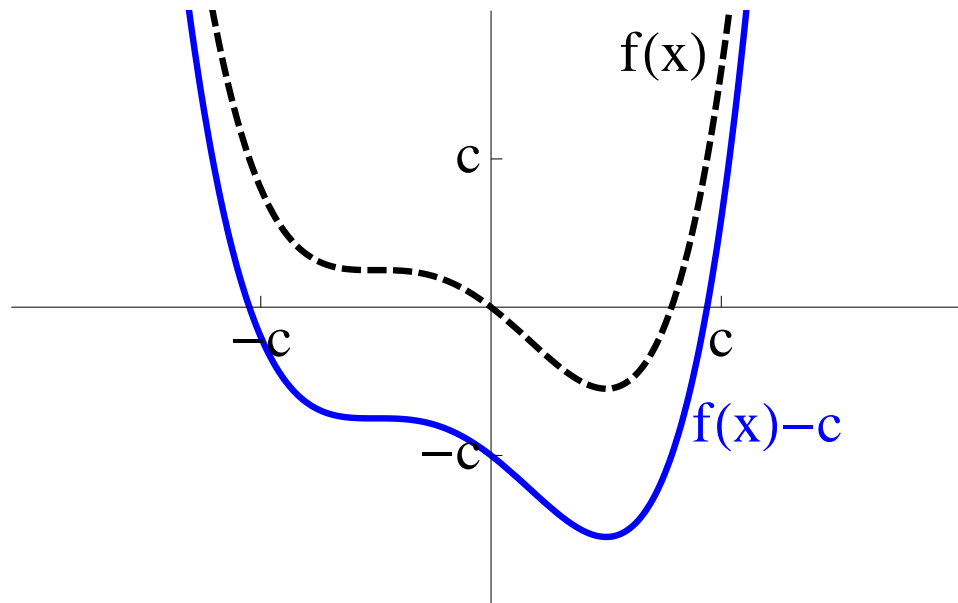
what does  $y = f(x) + c$  look like?



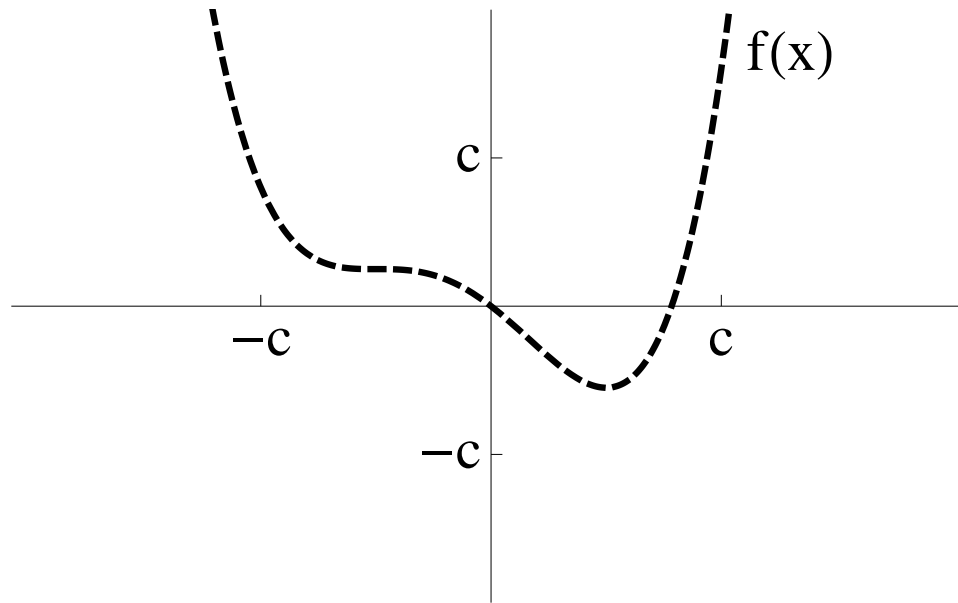
$$y = f(x) \quad \text{and} \quad y = f(x) + c$$



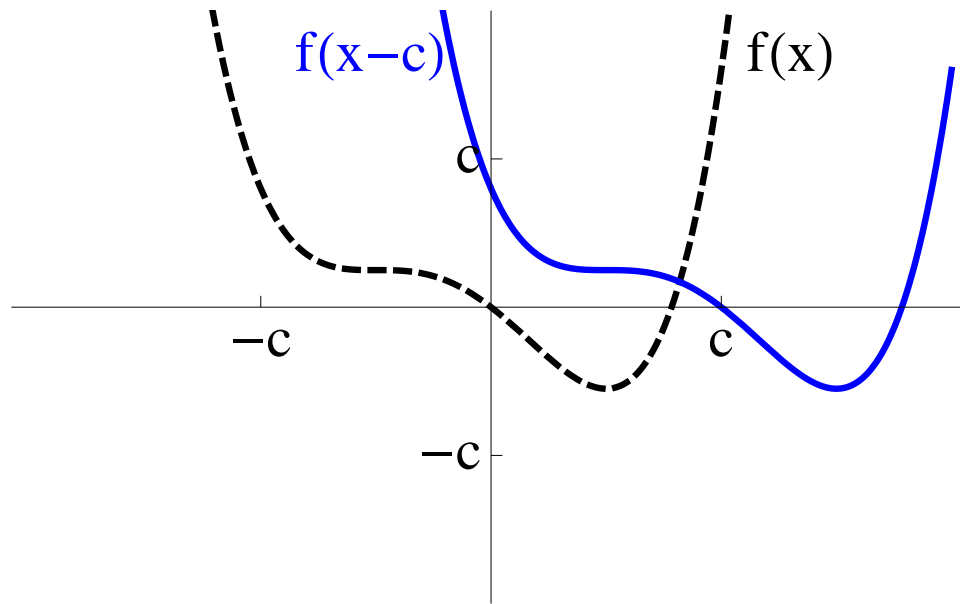
what does  $y = f(x) - c$  look like?



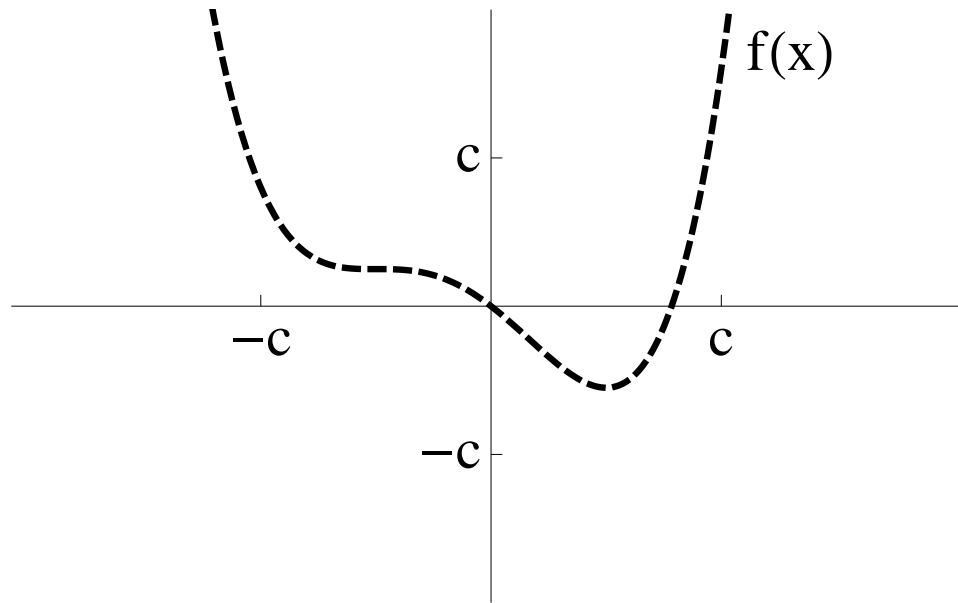
$$y = f(x) \quad \text{and} \quad y = f(x) - c$$



what does  $y = f(x - c)$  look like?

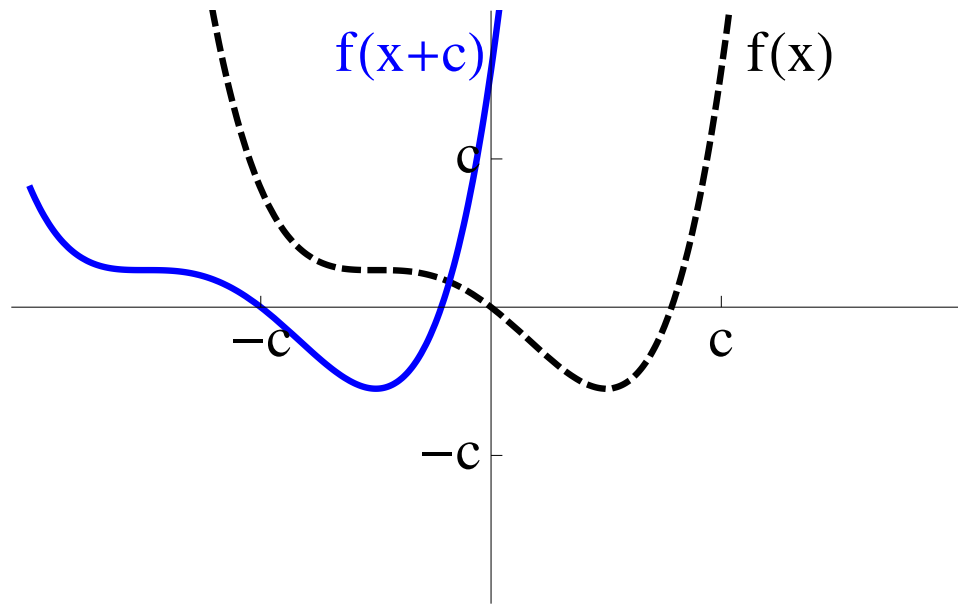


$$y = f(x) \quad \text{and} \quad y = f(x - c)$$

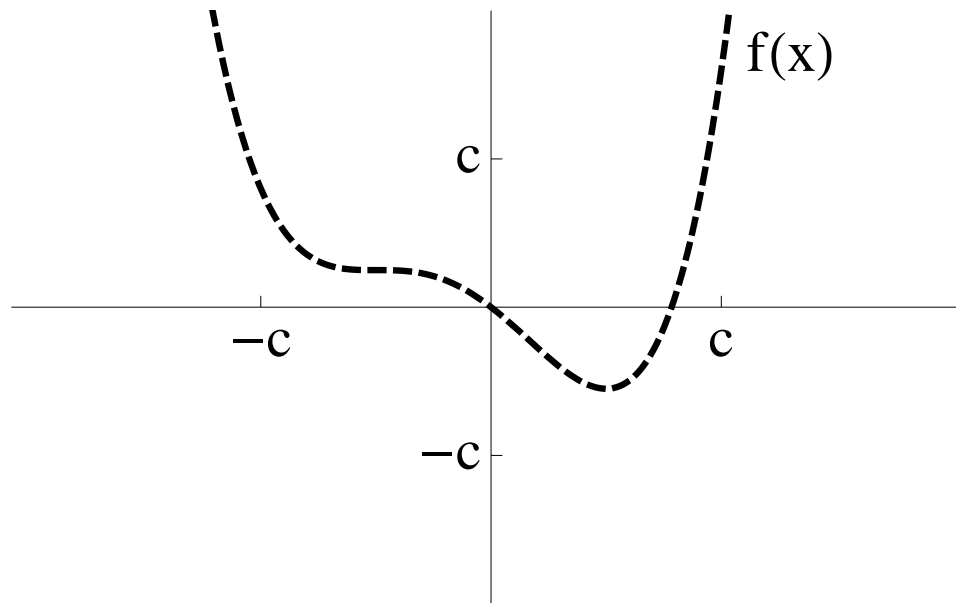


what does  $y = f(x + c)$  look like?

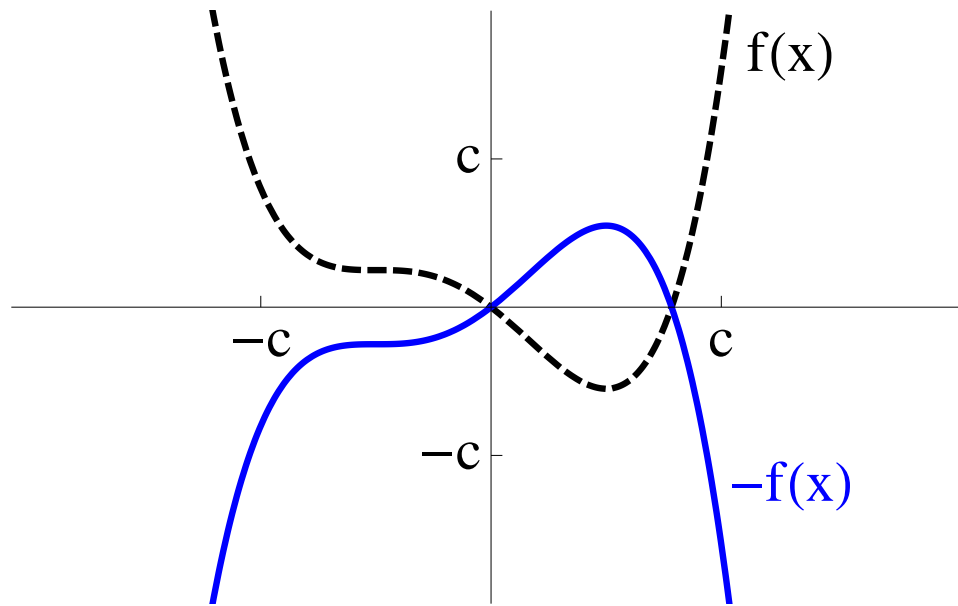




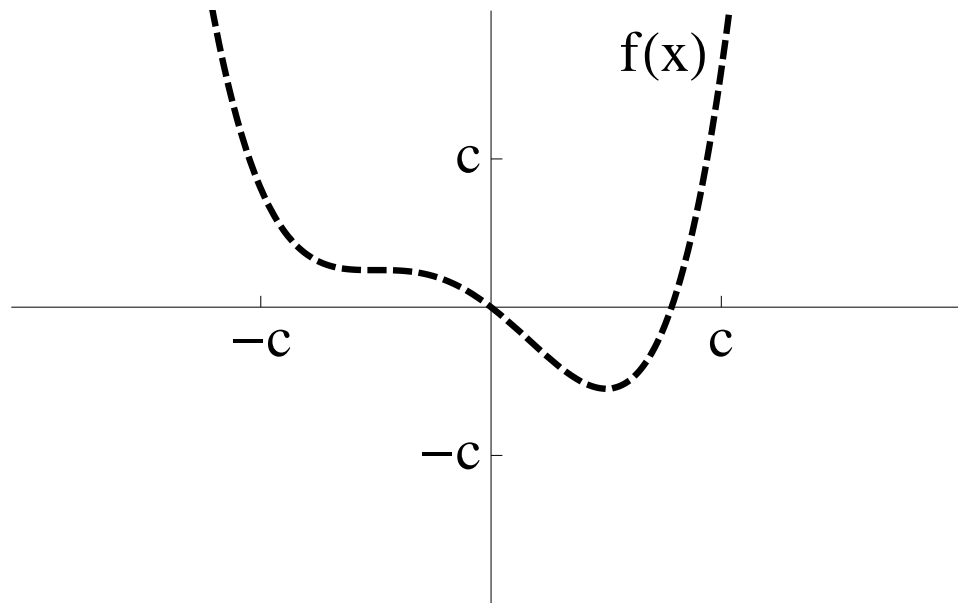
$$y = f(x) \quad \text{and} \quad y = f(x + c)$$



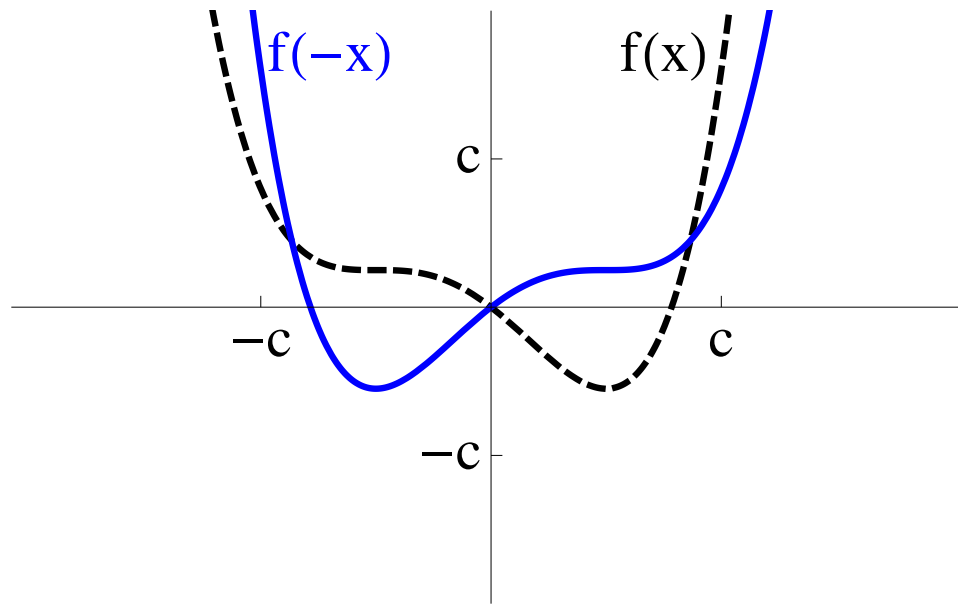
what does  $y = -f(x)$  look like?



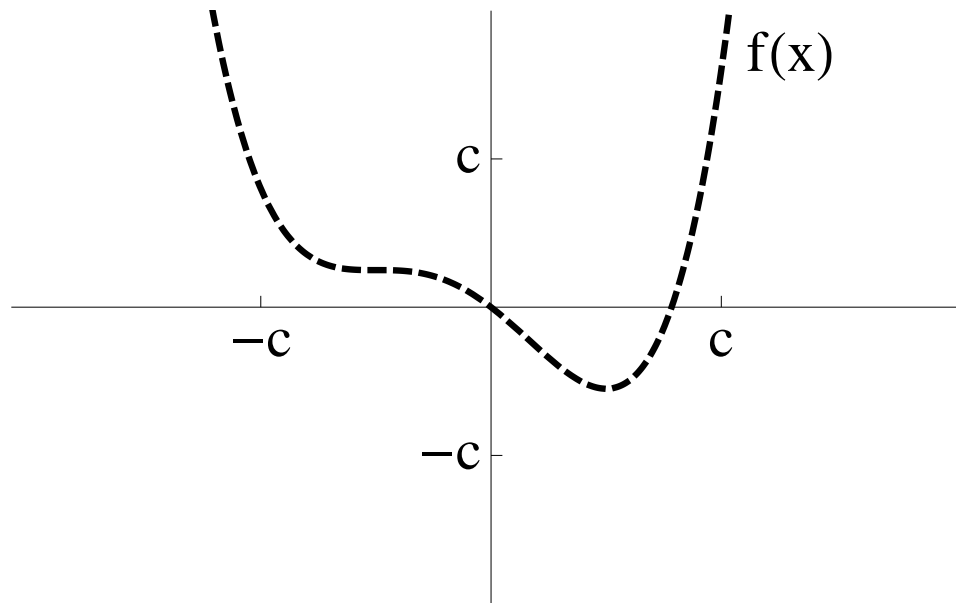
$$y = f(x) \quad \text{and} \quad y = -f(x)$$



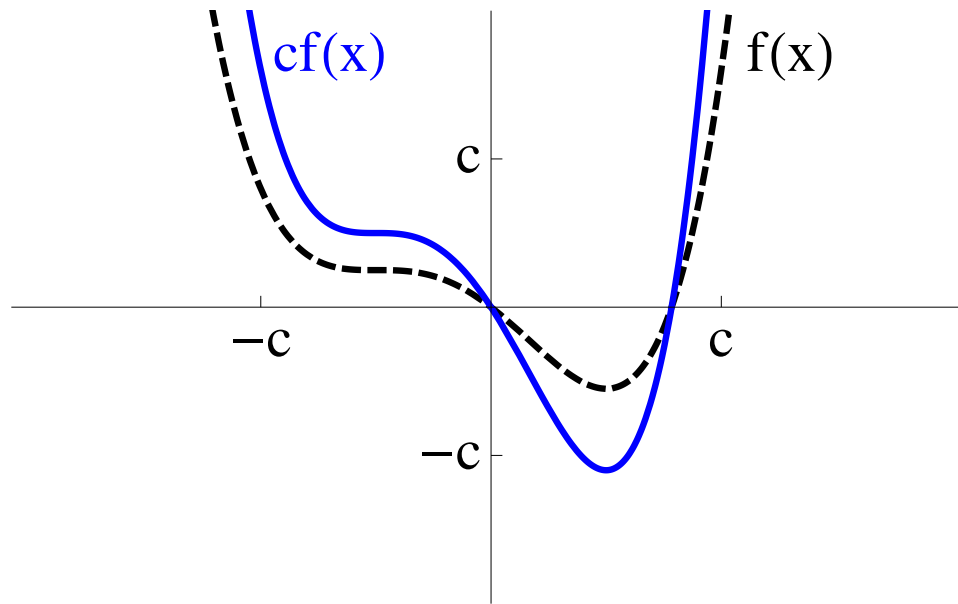
what does  $y = f(-x)$  look like?



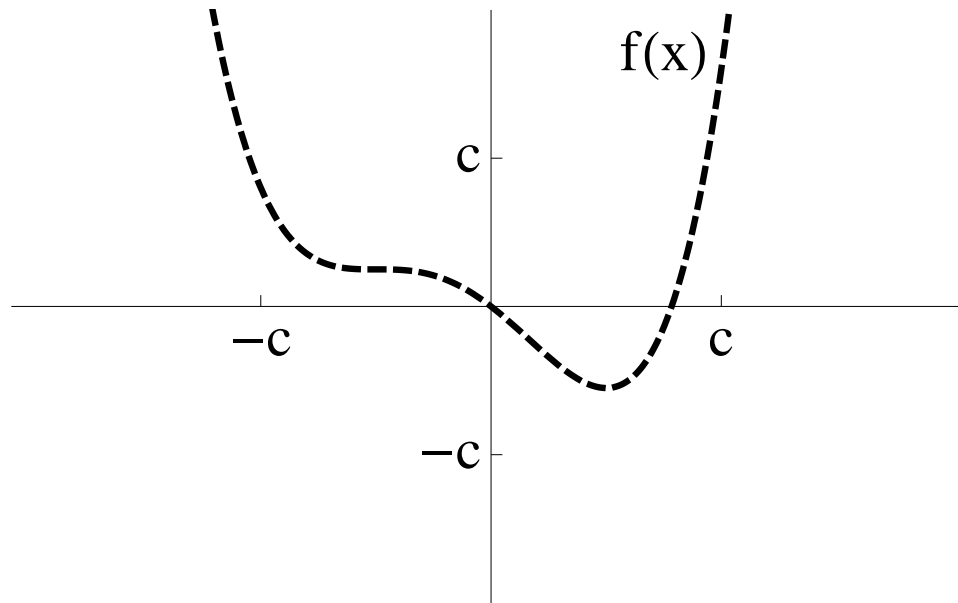
$$y = f(x) \quad \text{and} \quad y = f(-x)$$



what does  $y = cf(x)$  look like? ( $c > 1$ )

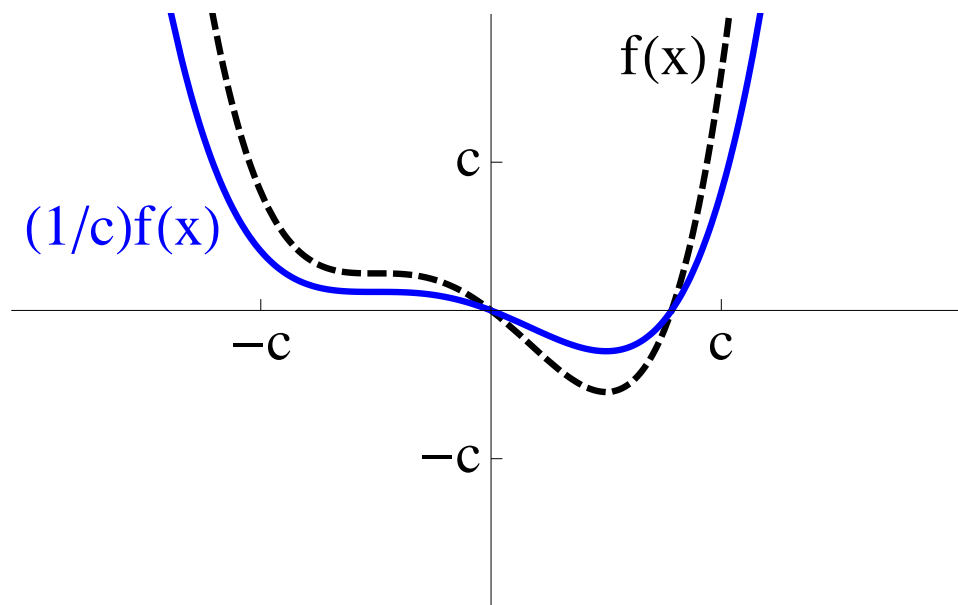


$$y = f(x) \quad \text{and} \quad y = cf(x)$$

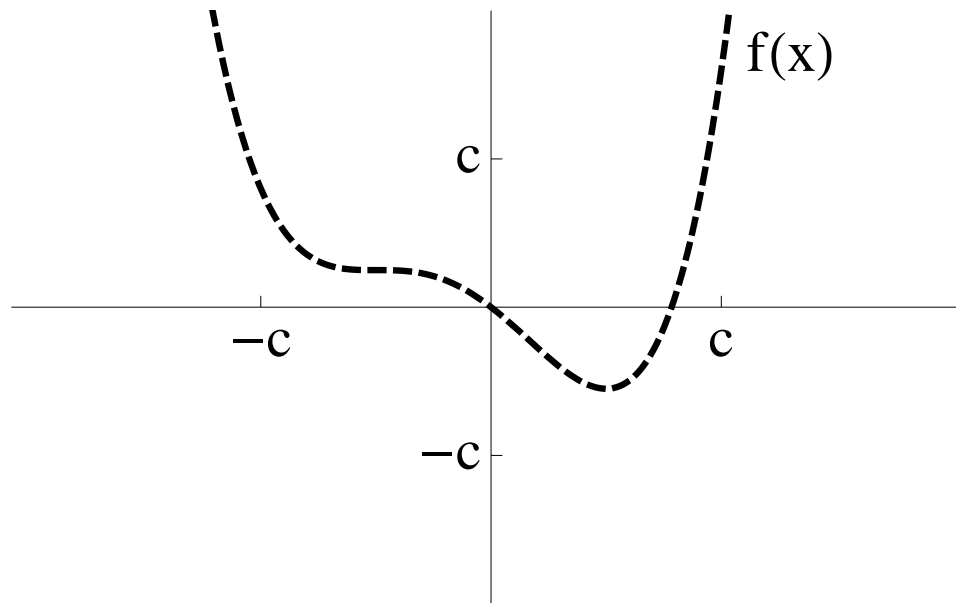


what does  $y = (1/c)f(x)$  look like? ( $c > 1$ )

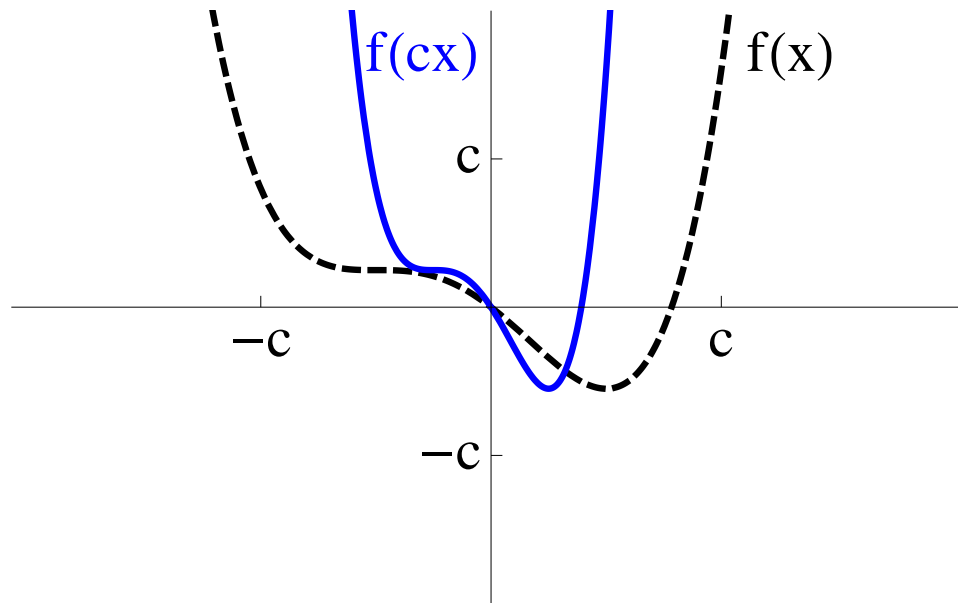




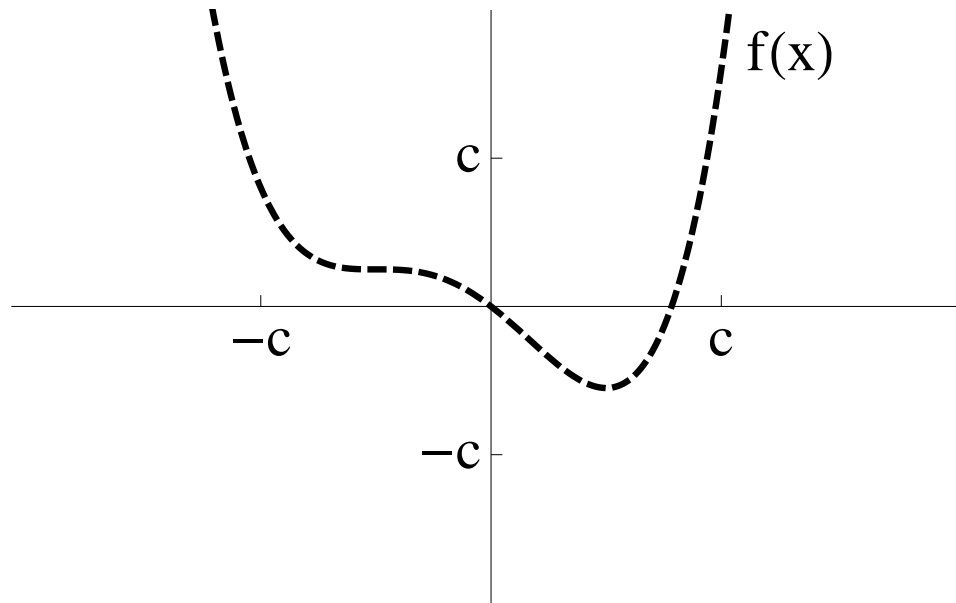
$$y = f(x) \quad \text{and} \quad y = (1/c)f(x)$$



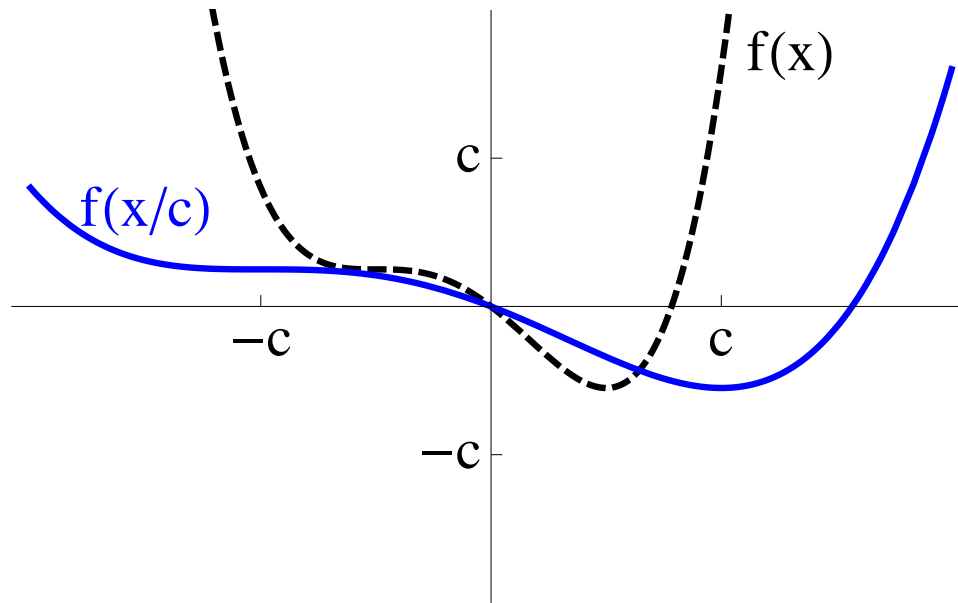
what does  $y = f(cx)$  look like? ( $c > 1$ )



$$y = f(x) \quad \text{and} \quad y = f(cx)$$



what does  $y = f(x/c)$  look like? ( $c > 1$ )



$$y = f(x) \quad \text{and} \quad y = f(x/c)$$