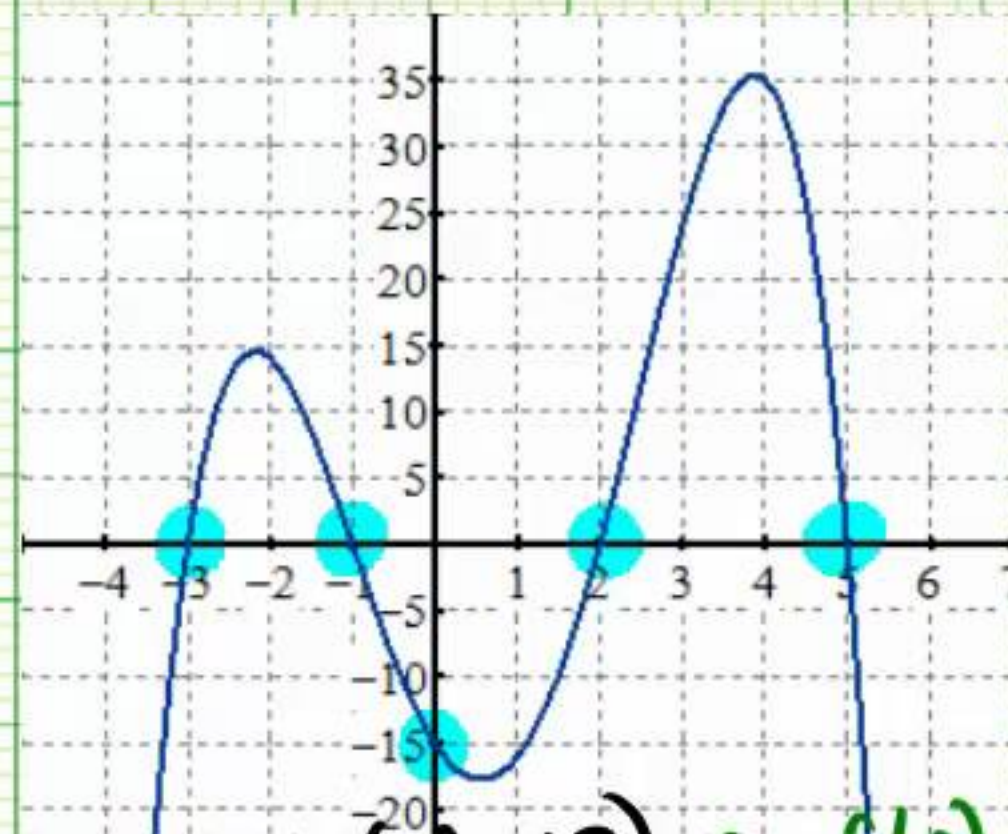


Ex: Equation of a Polynomial Function

Find an equation for the graph of the degree 4 polynomial function. Leave the function in factored form.



$$f(x) = a(x+3)(x+1)(x-2)(x-5)$$

$$(0, -15) \rightarrow f(0) = -15$$

$$f(x) = a(x - r_1)(x - r_2)(x - r_3) \dots$$