3. Which polynomial-graph matches?
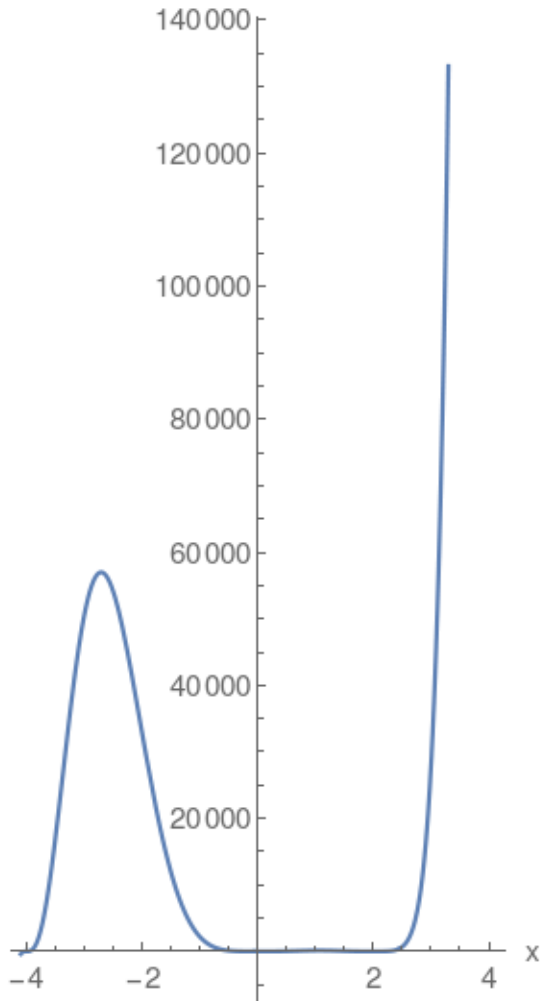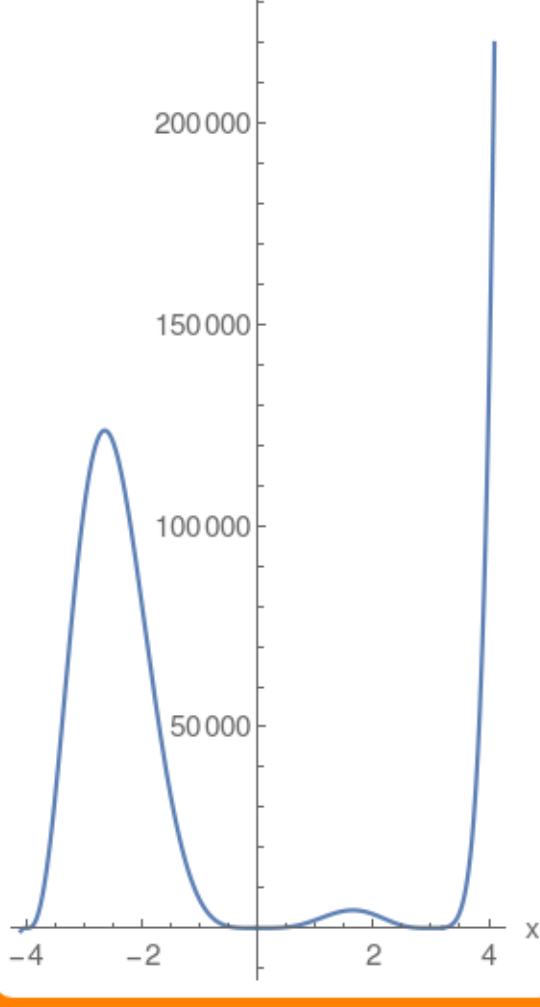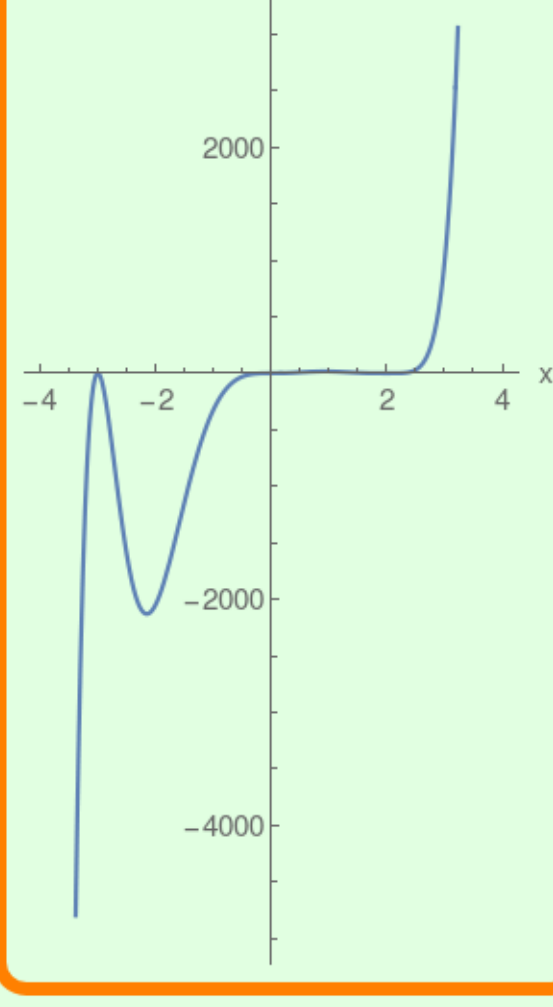
$(x-3)^4 (x-2)^4 (x+3)^4$
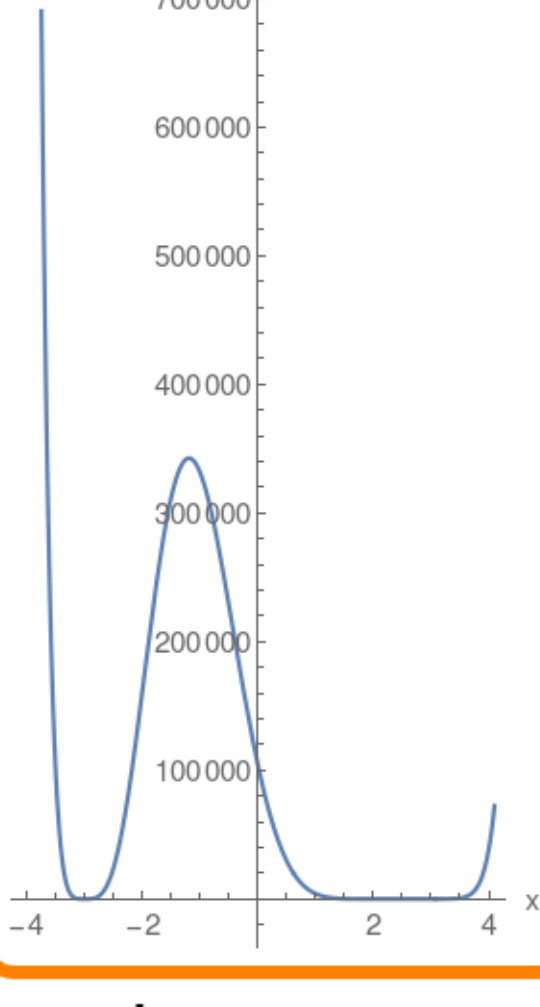

$(x-2)^4 x^4 (x+4)^3$

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

$(x-3)^4 x^4 (x+4)^3$

Solution

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