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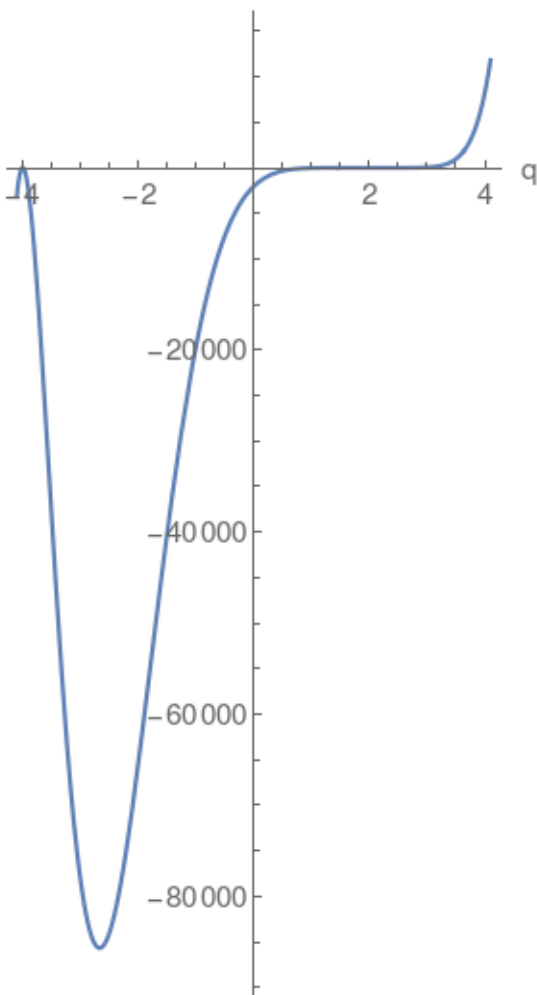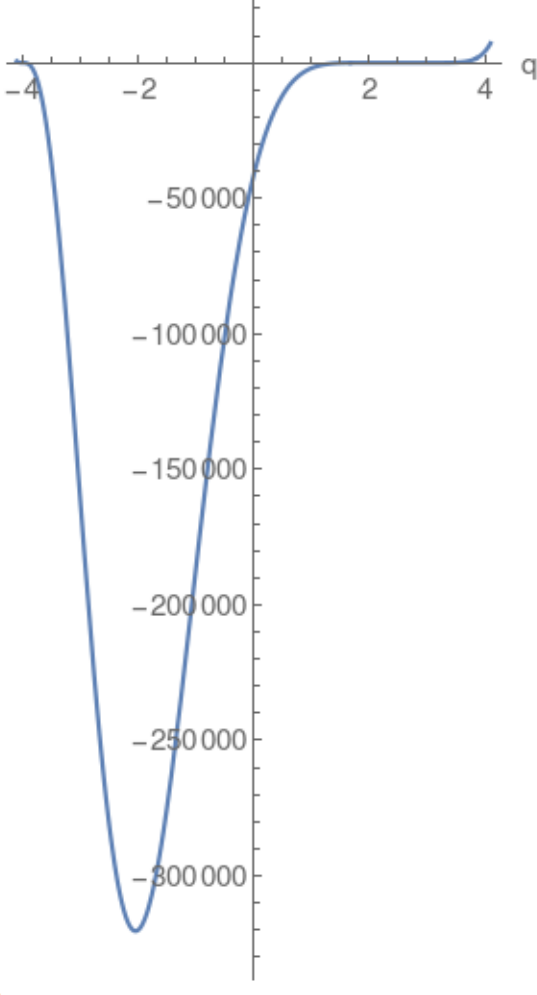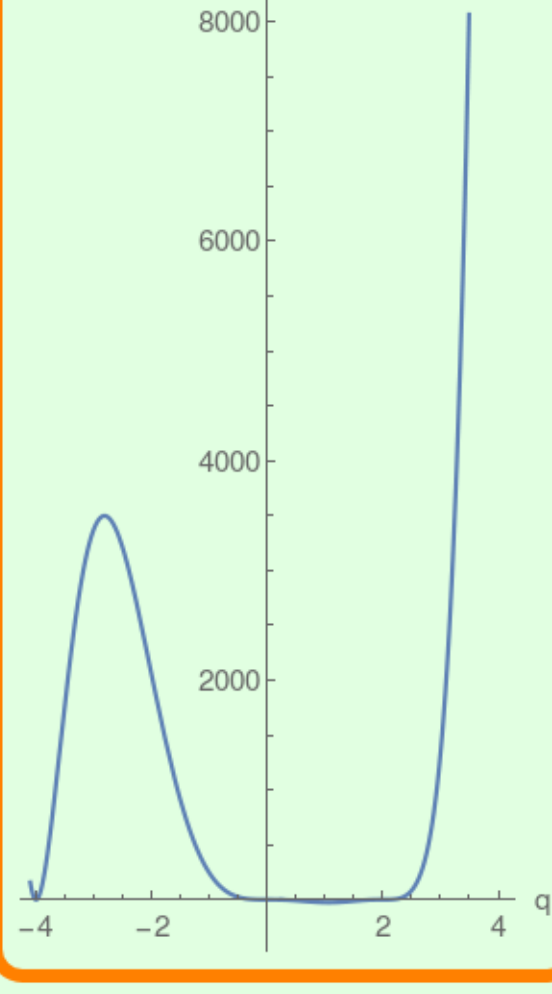
$(q-3)^4 (q-2)^4 (q+4)^3$
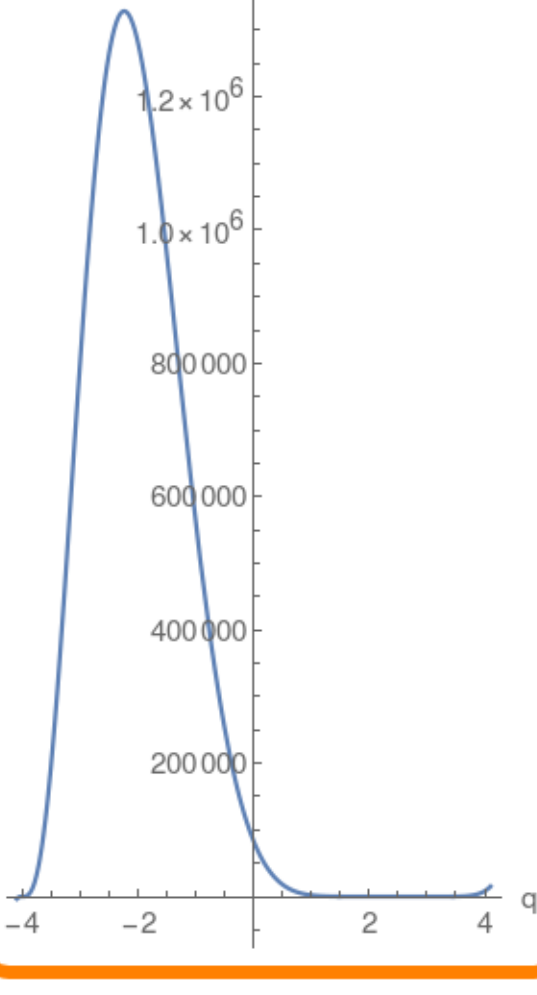

$(q-2)^7 (q+4)^2$

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

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

Solution

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