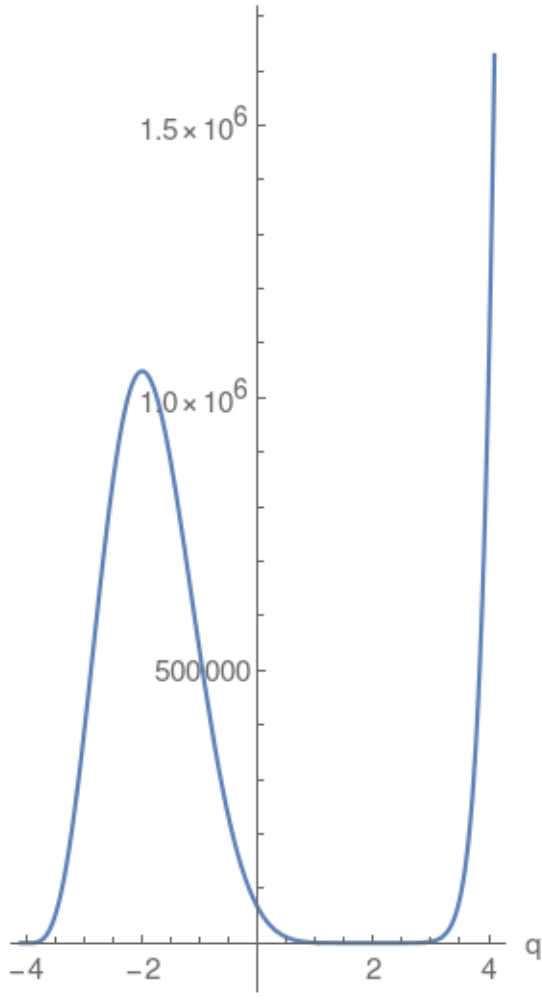# 1. Which polynomial-graph matches?
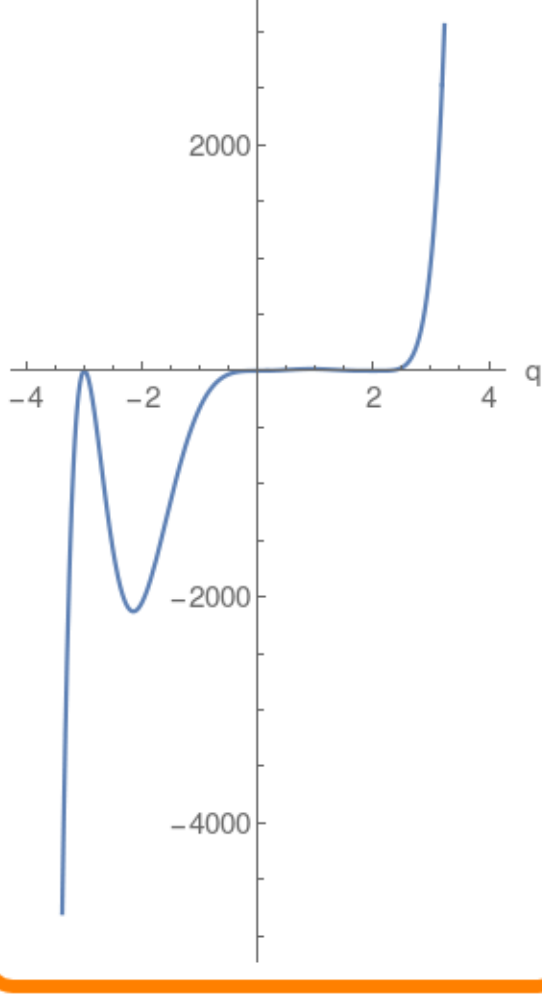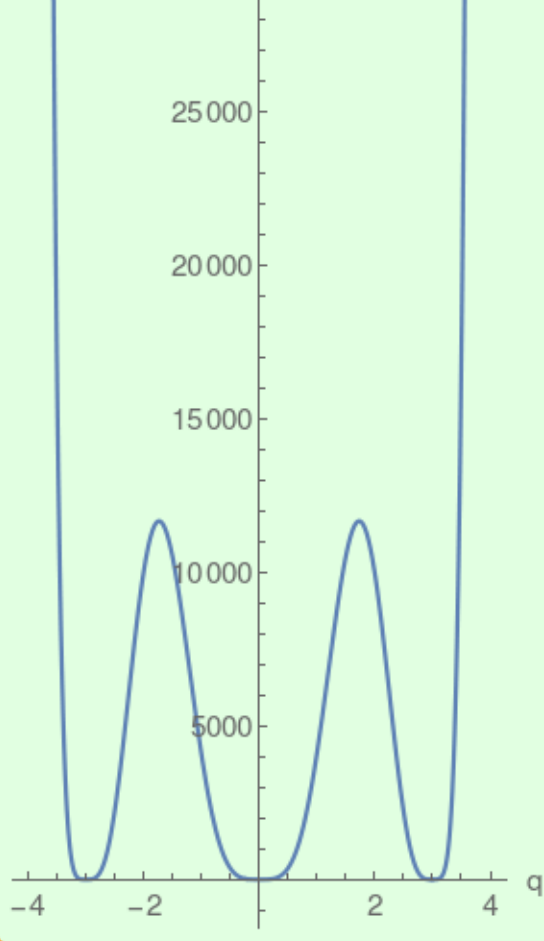

$(q - 2)^8 (q + 4)^3$
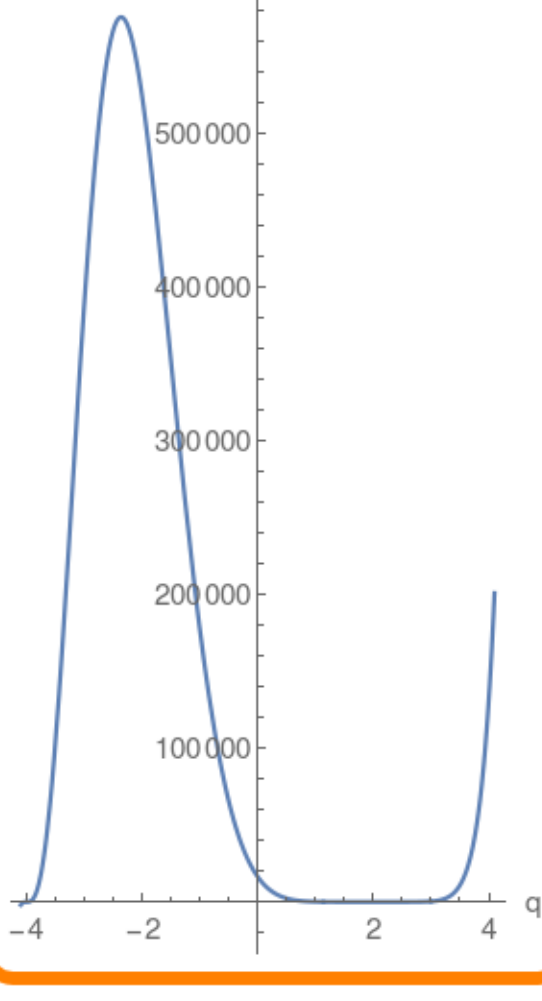

$(q - 2)^8 (q + 4)^4$

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

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

Solution

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