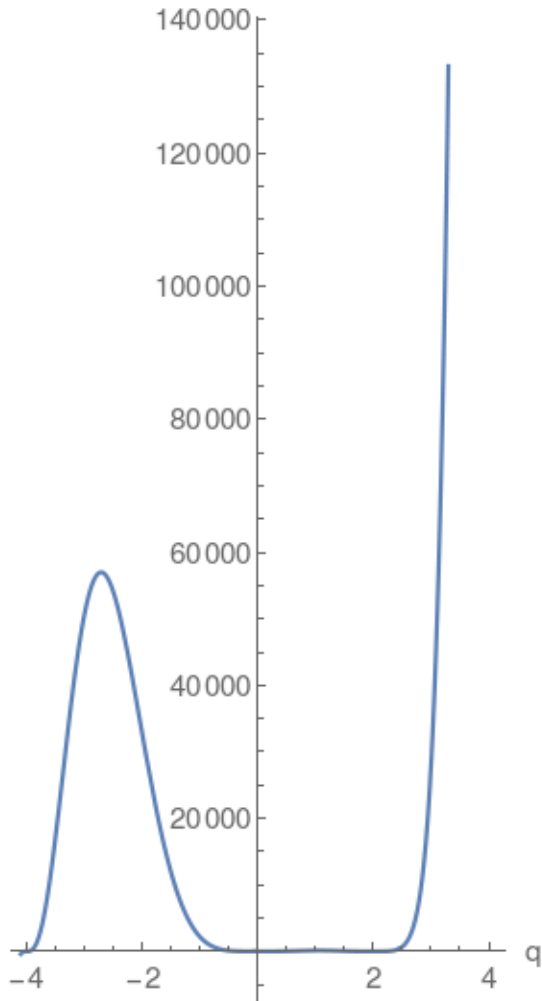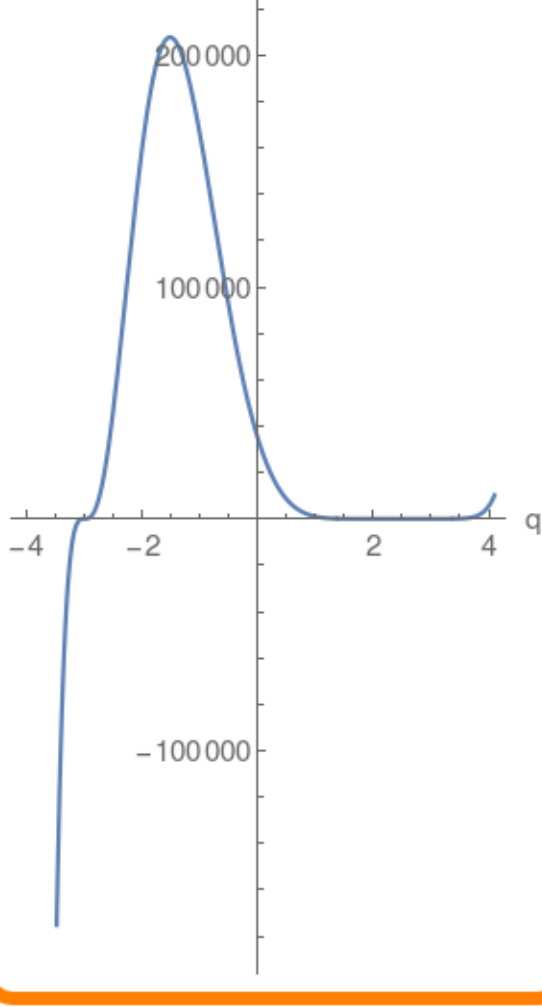## 1. Which polynomial-graph matches?
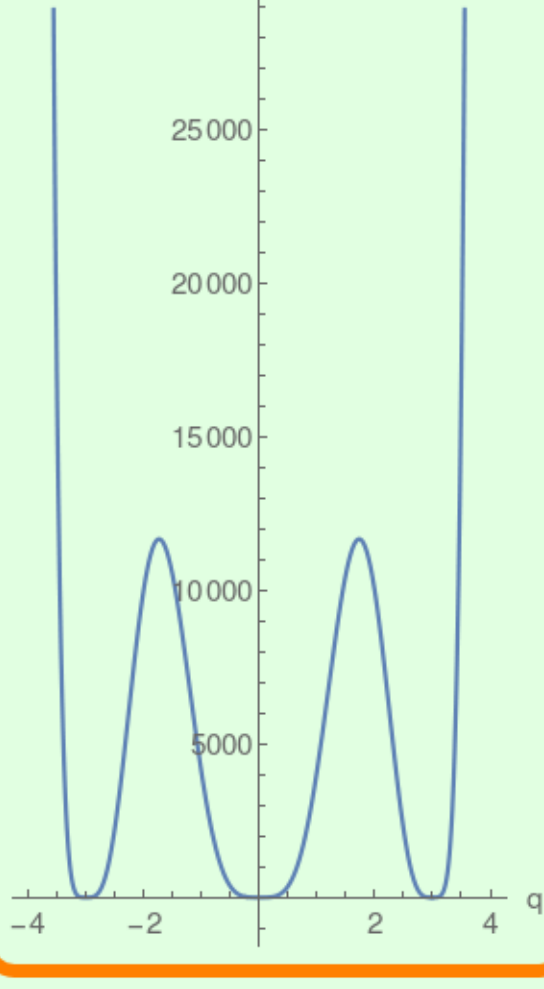

$(q - 3)^4 (q - 2)^4 (q + 3)^4$
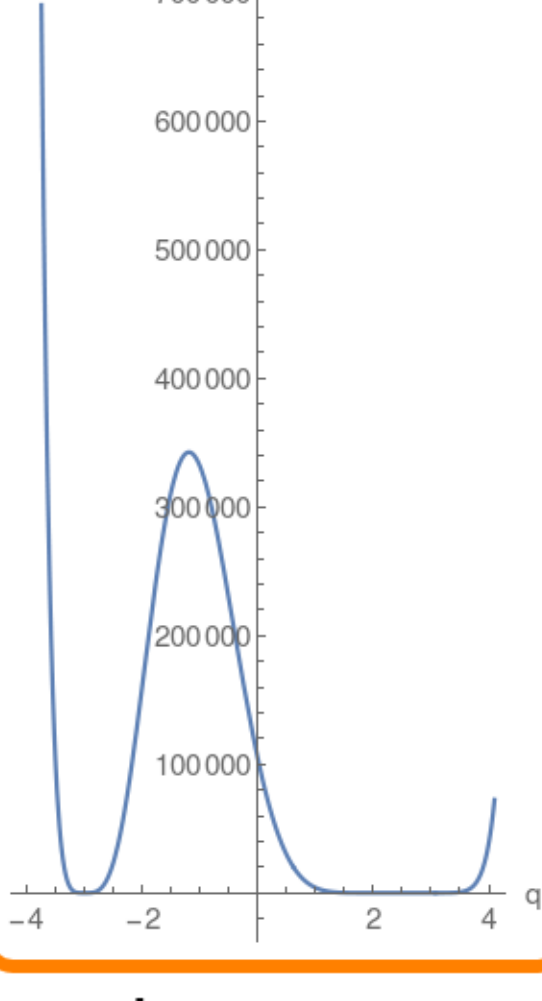

$(q - 2)^4 q^4 (q + 4)^3$

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

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

Solution

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