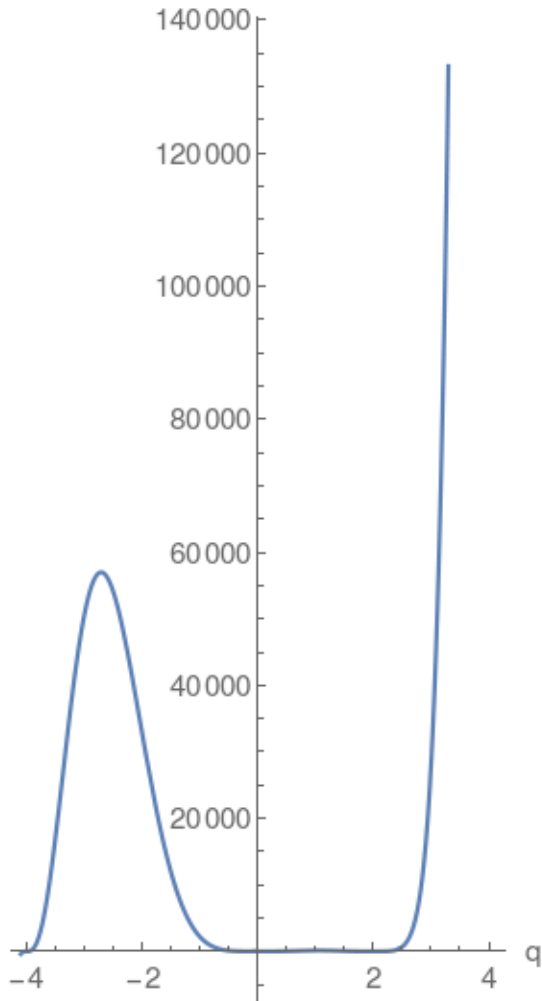
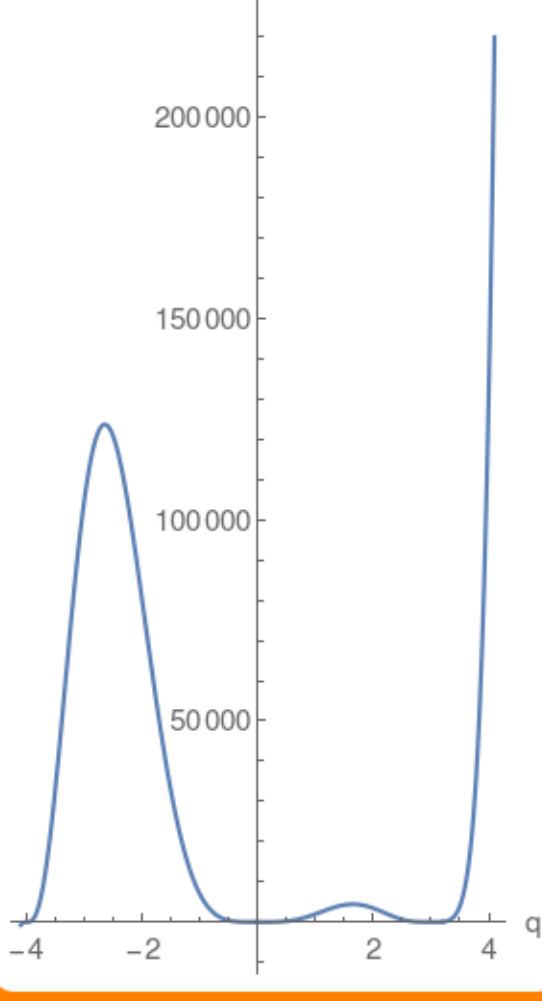


1. Which polynomial-graph matches?

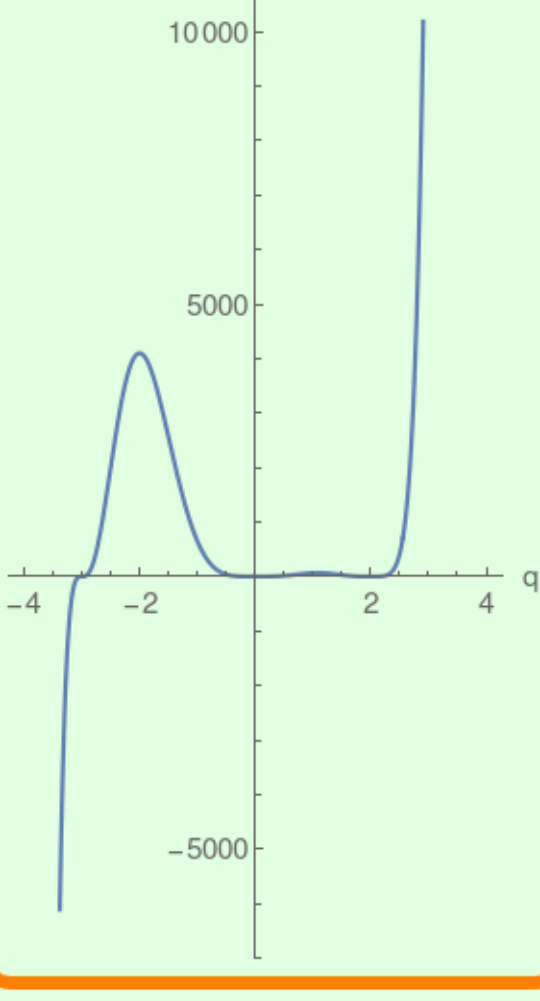
$$(q-3)^4 (q-2)^4 (q+4)^4$$



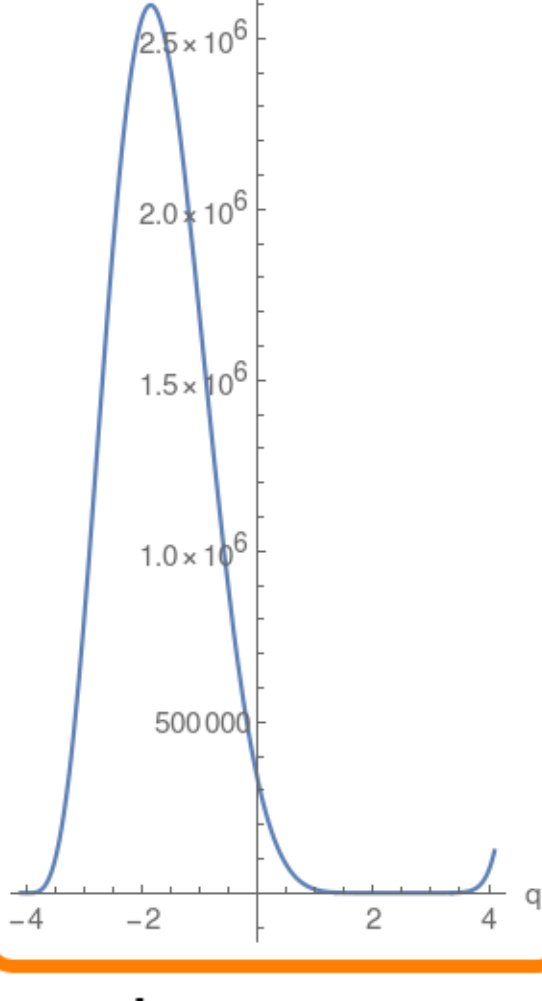
$$(q-2)^4 q^4 (q+4)^3$$



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



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



Solution

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

