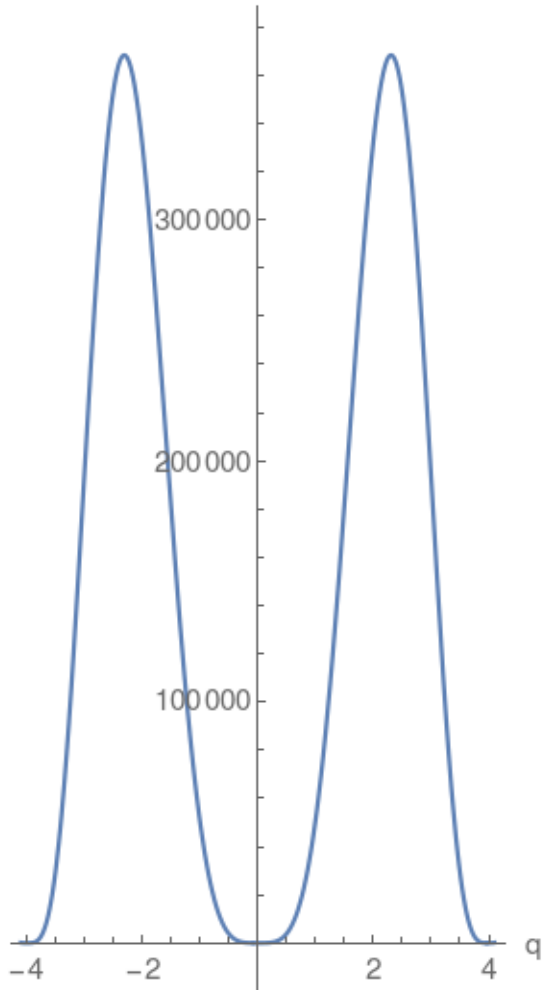
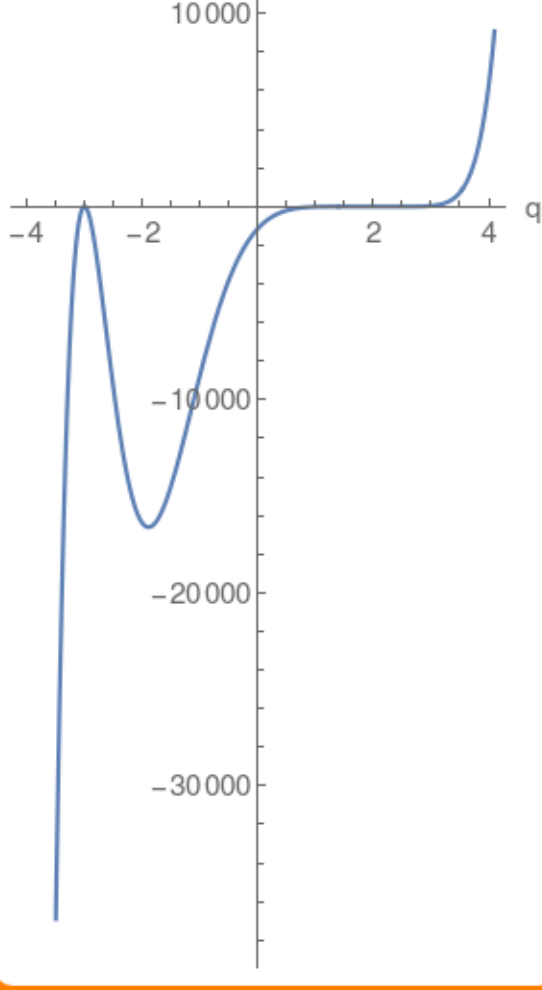


1. Which polynomial-graph matches?

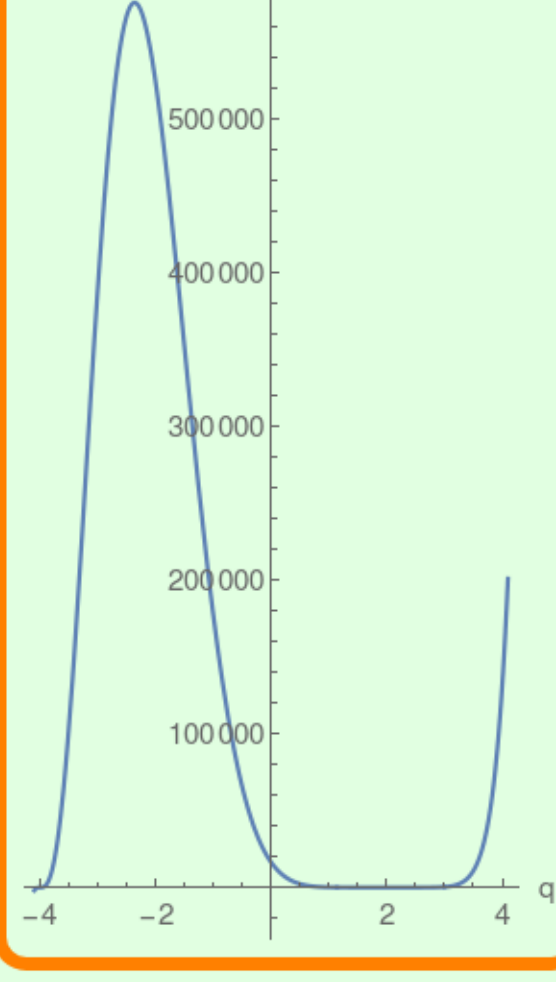
$$(q-2)^3 q^3 (q+4)^3$$



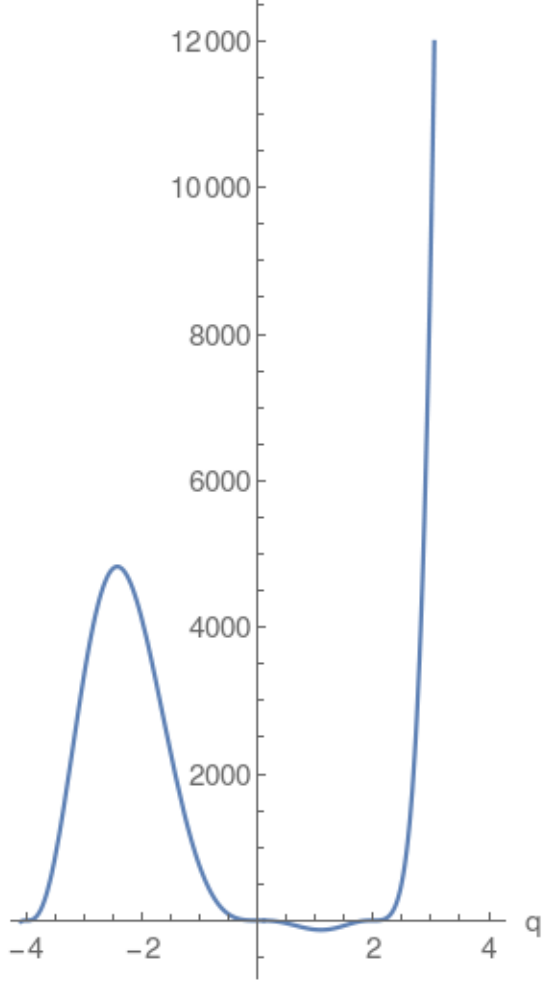
$$(q-4)^4 q^4 (q+4)^4$$



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



$$(q-2)^7 (q+3)^2$$



Solution

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

