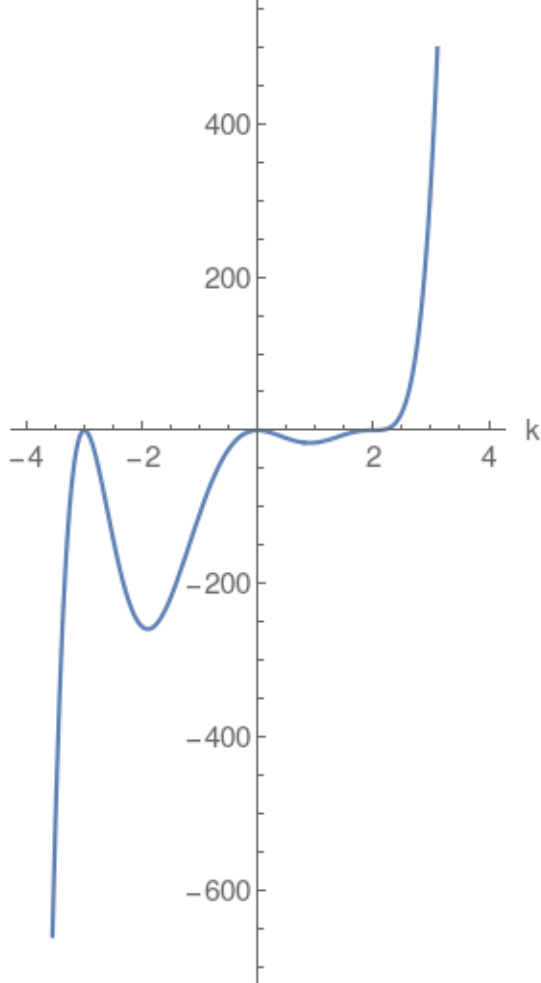
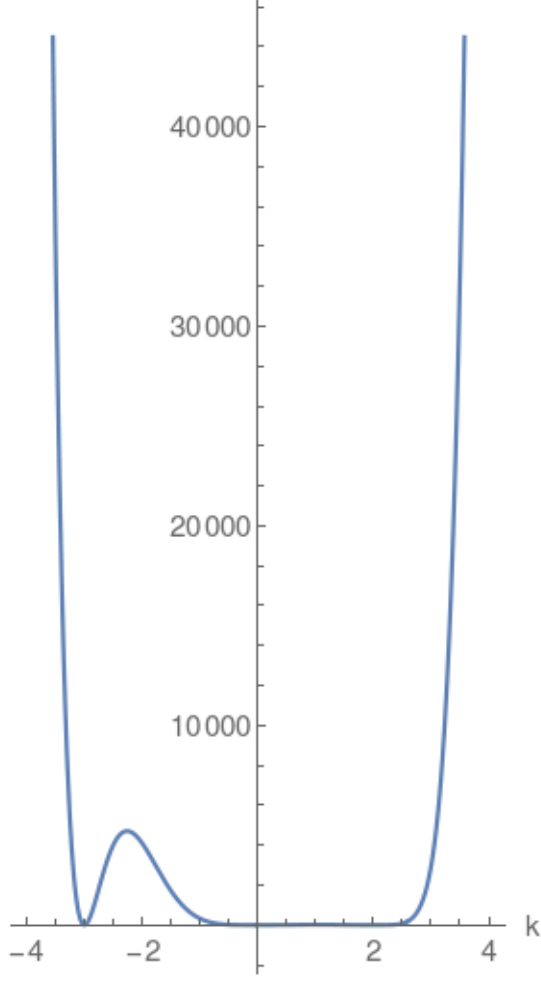


3. Which polynomial-graph matches?

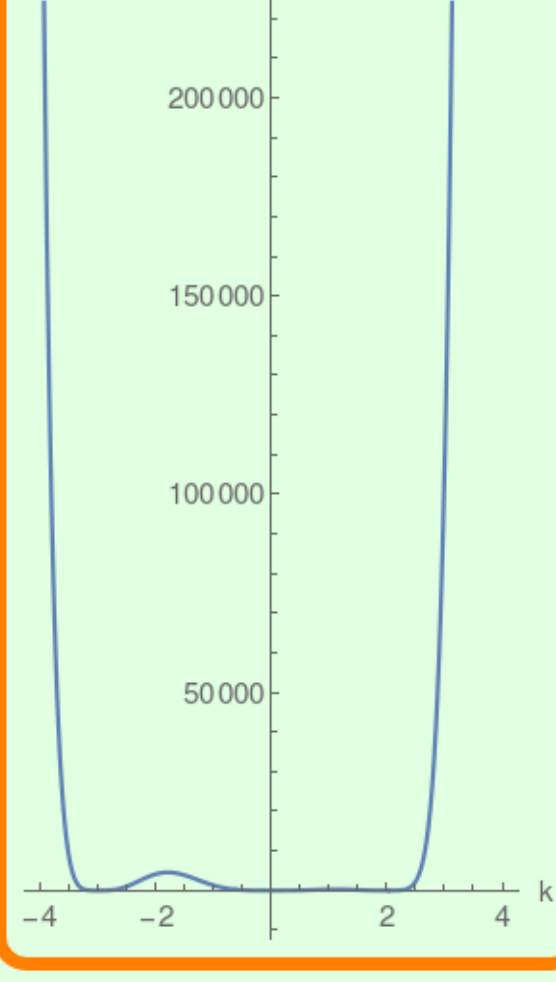
$$(k-2)^3 k^3 (k+3)^3$$



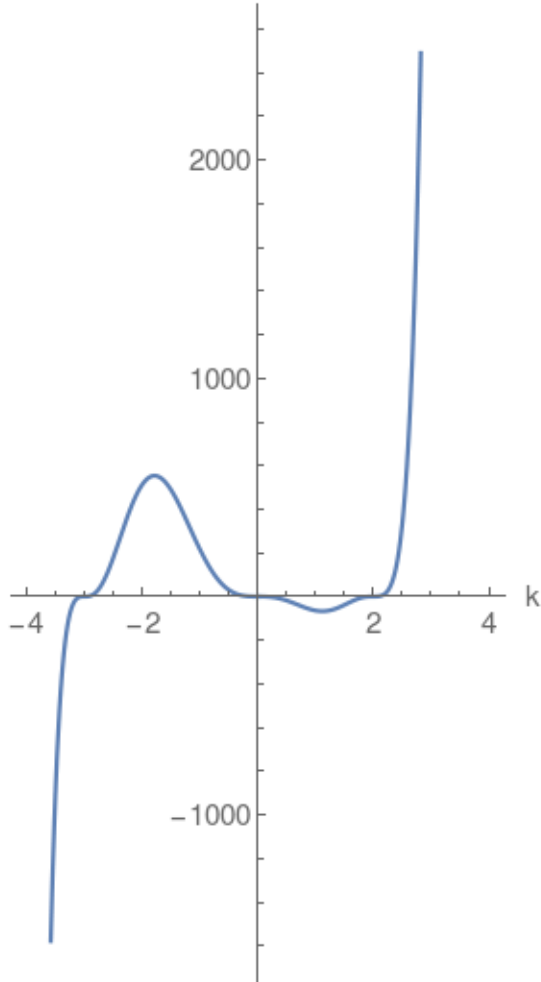
$$(k-2)^3 k^2 (k+3)^2$$



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



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



**Solution**

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

