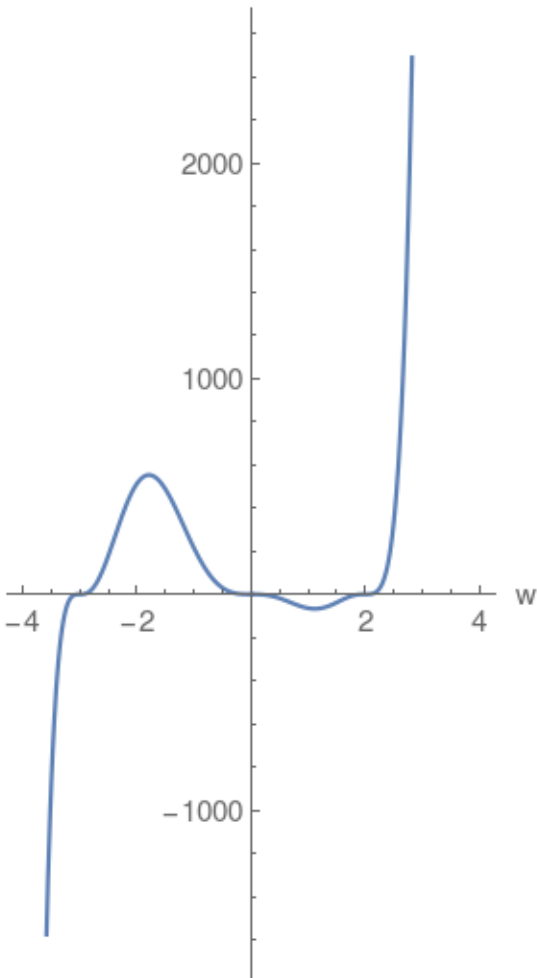
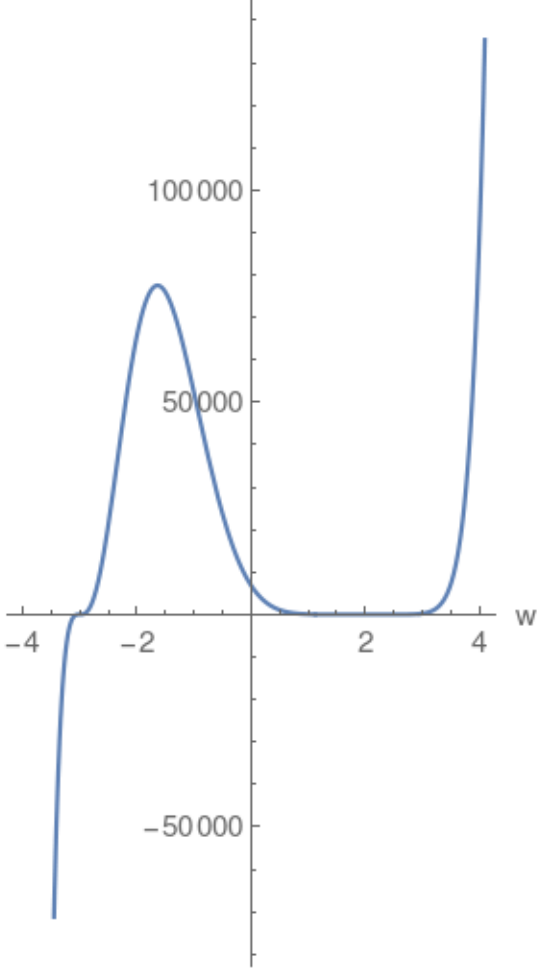


1. Which polynomial-graph matches?

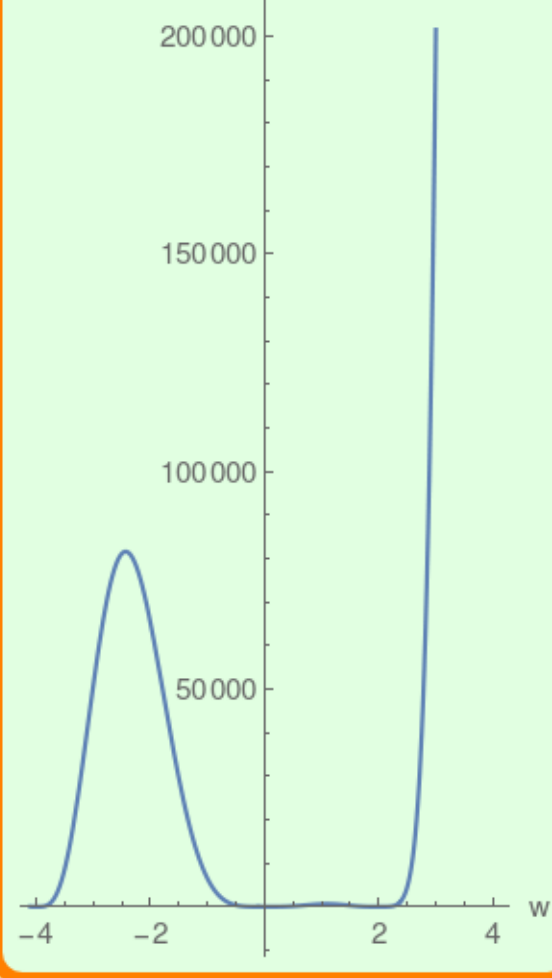
$$(w-3)^4 w^4 (w+4)^4$$



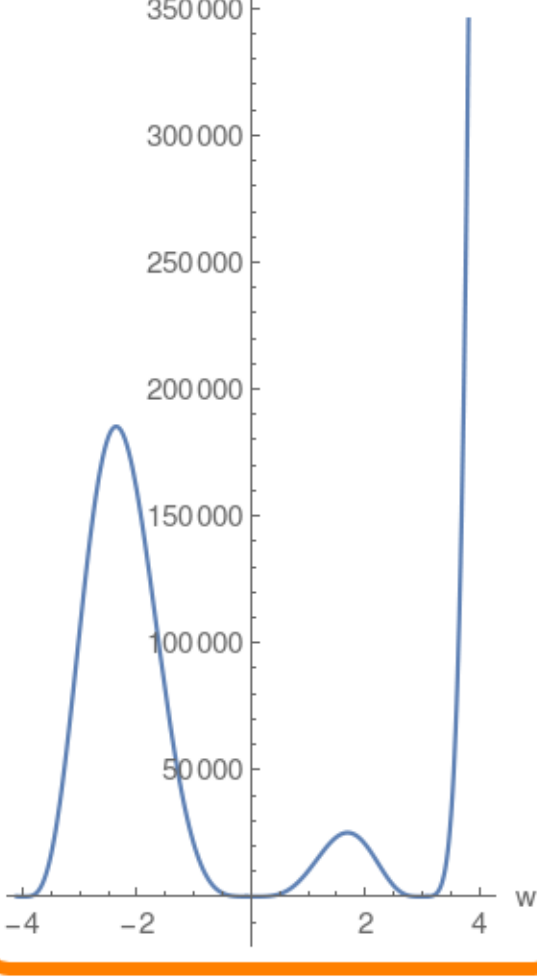
$$(w-2)^3 w^3 (w+3)^3$$



$$(w-2)^4 w^4 (w+4)^4$$



$$(w-2)^8 (w+3)^3$$



Solution

$$(w-2)^4 w^4 (w+4)^4$$

