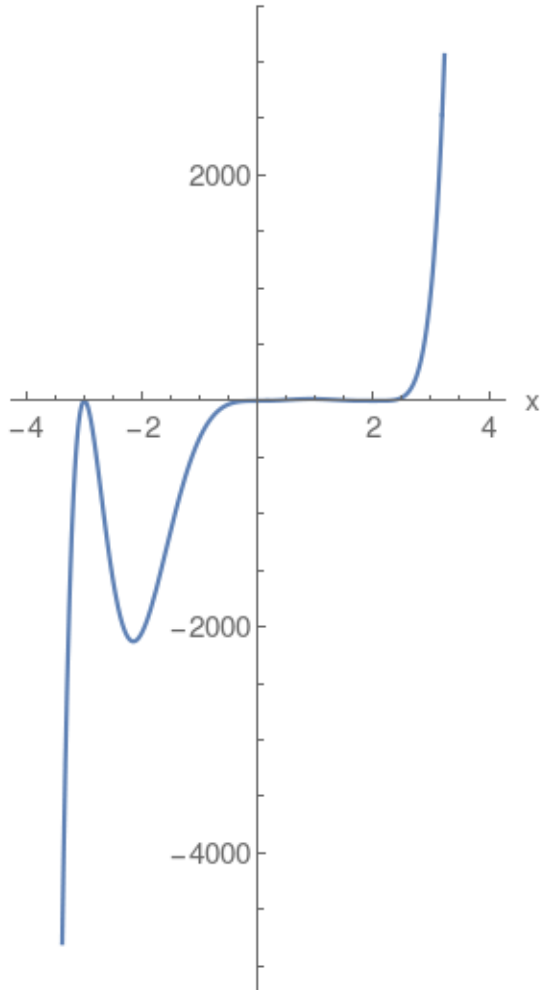
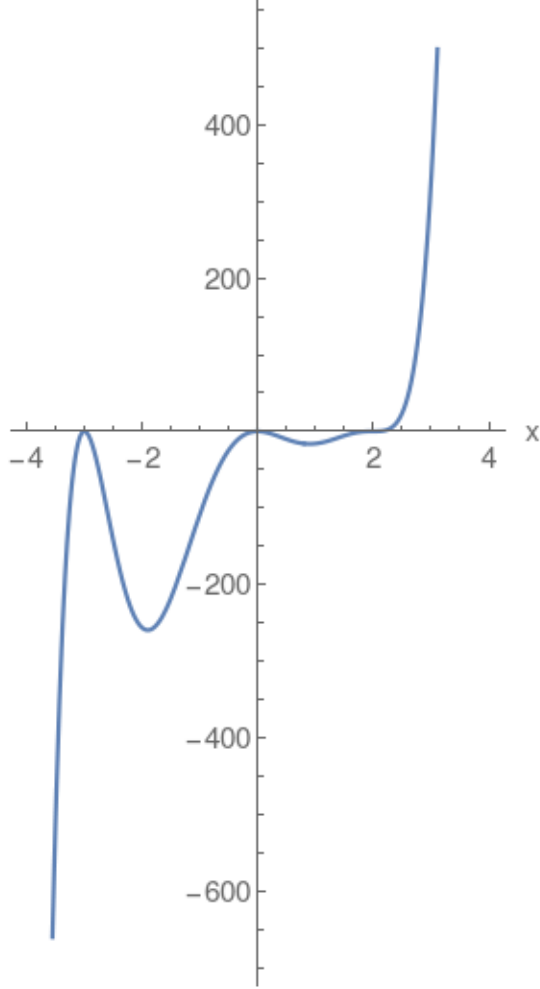


3. Which polynomial-graph matches?

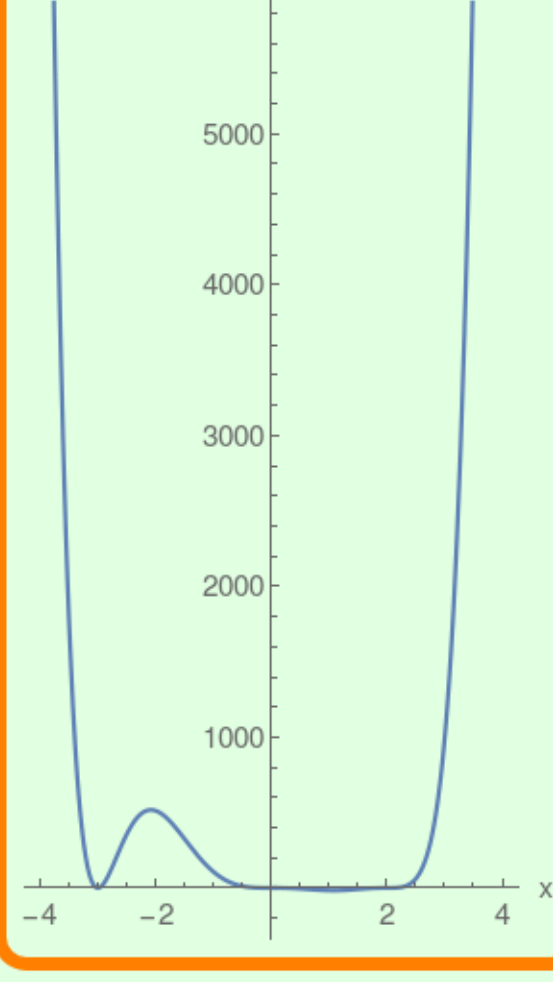
$$(x-3)^4 x^4 (x+4)^4$$



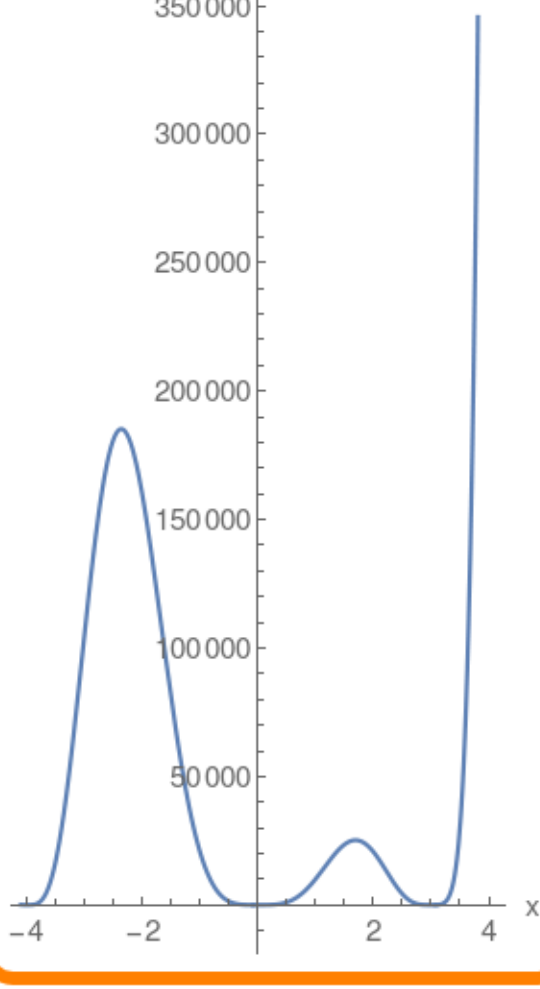
$$(x-2)^4 x^3 (x+3)^2$$



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



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



Solution

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

