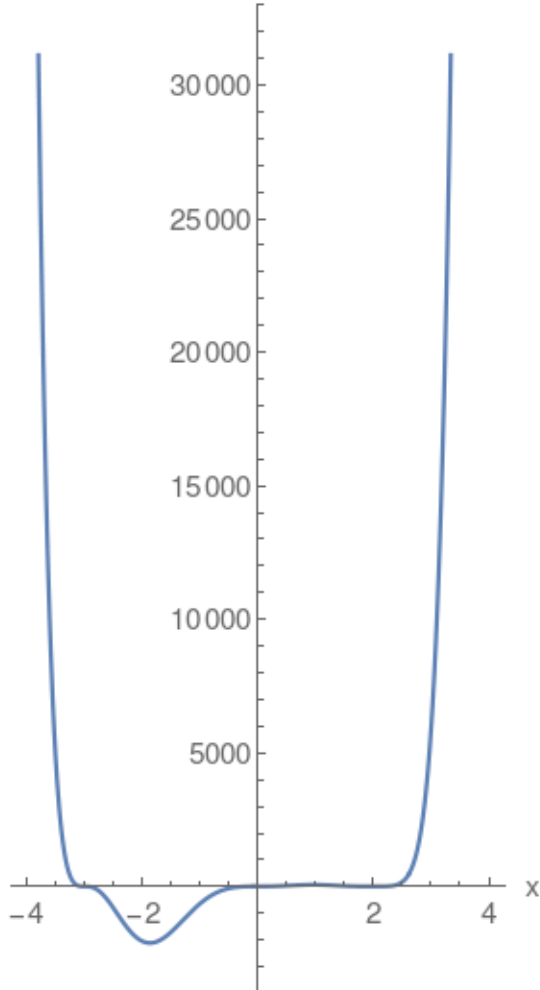
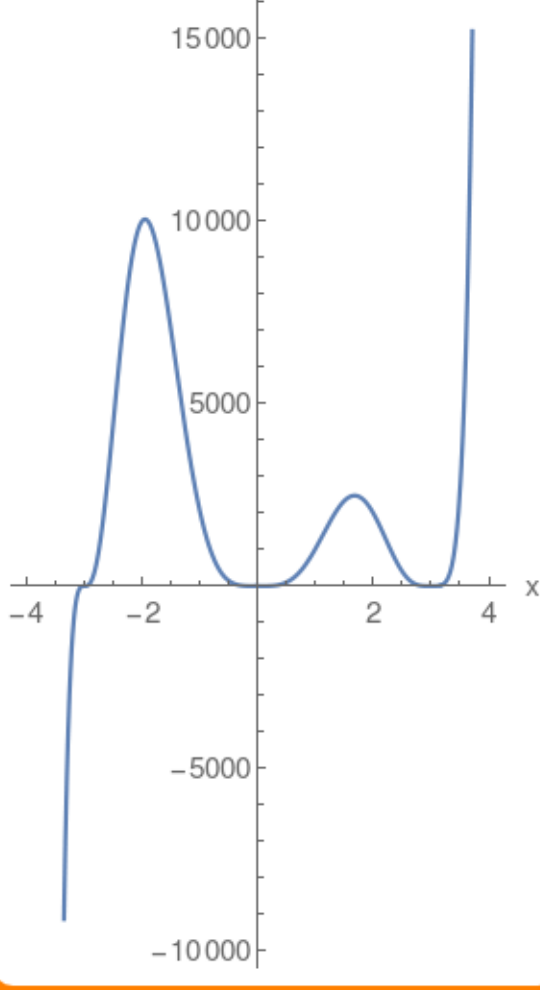


3. Which polynomial-graph matches?

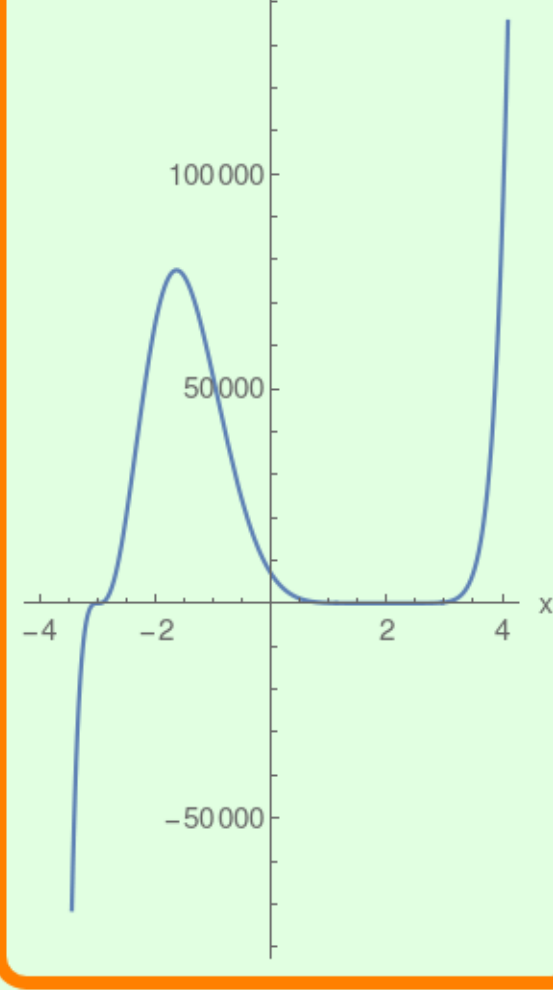
$$(x-2)^3 x^3 (x+3)^3$$



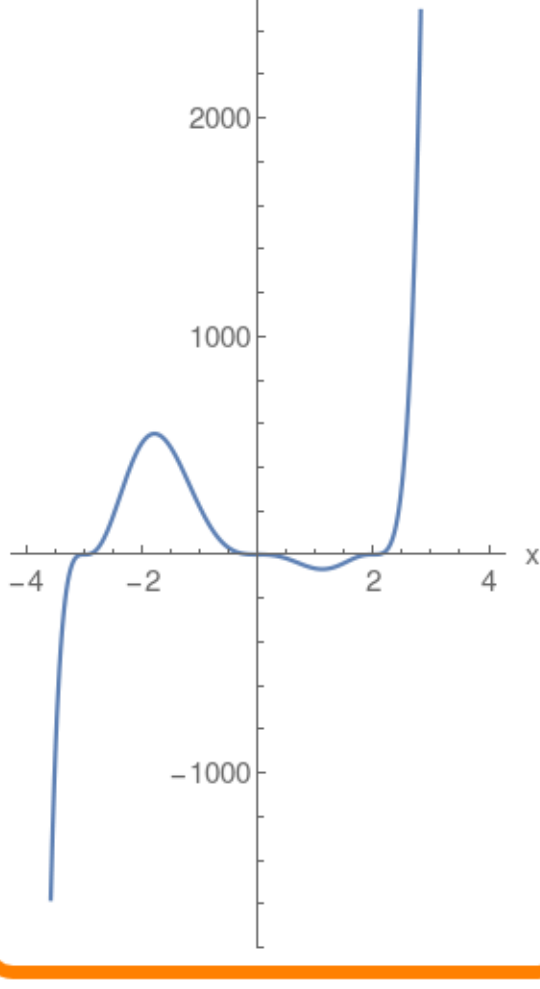
$$(x-2)^4 x^3 (x+3)^3$$



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



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



Solution

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

