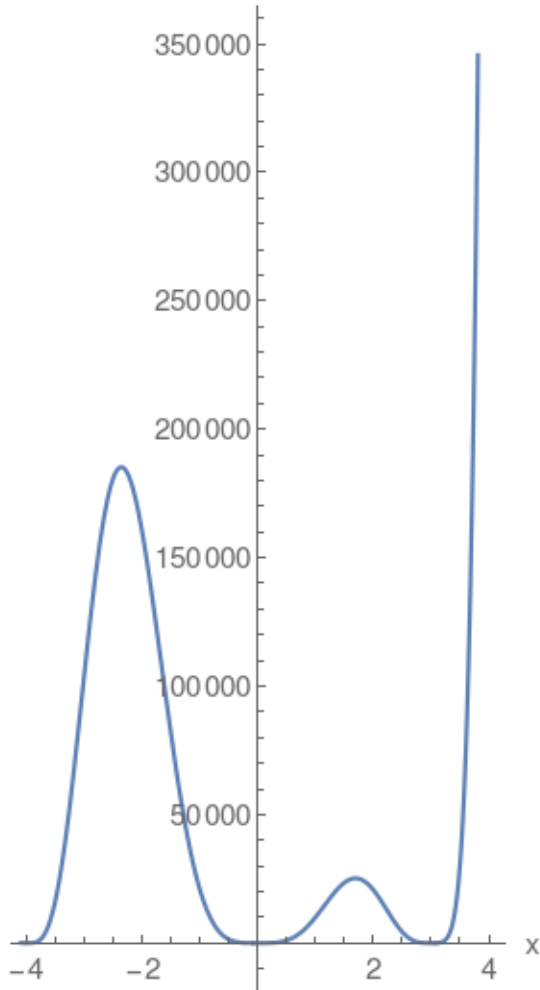
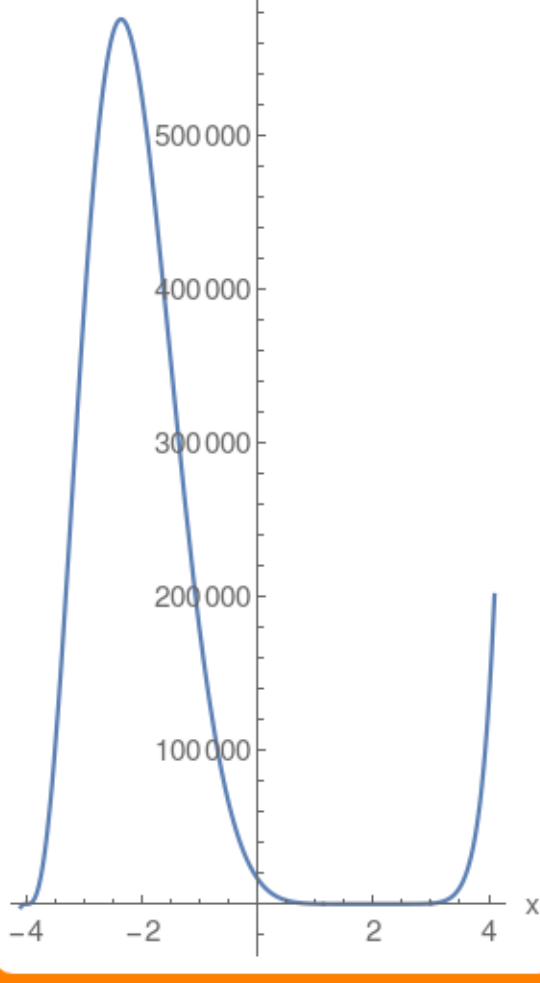


4. Which polynomial-graph matches?

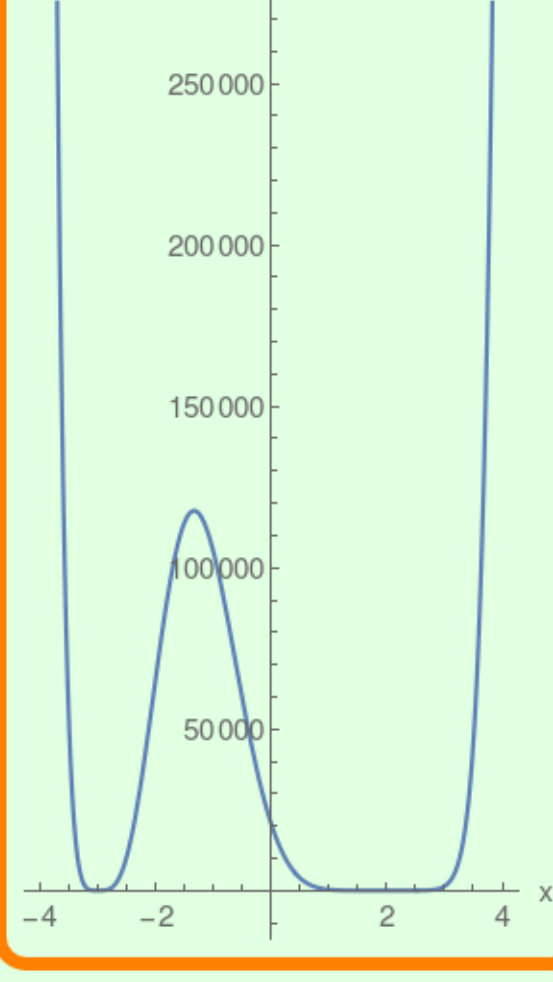
$$(x-3)^4(x-2)^4(x+4)^4$$



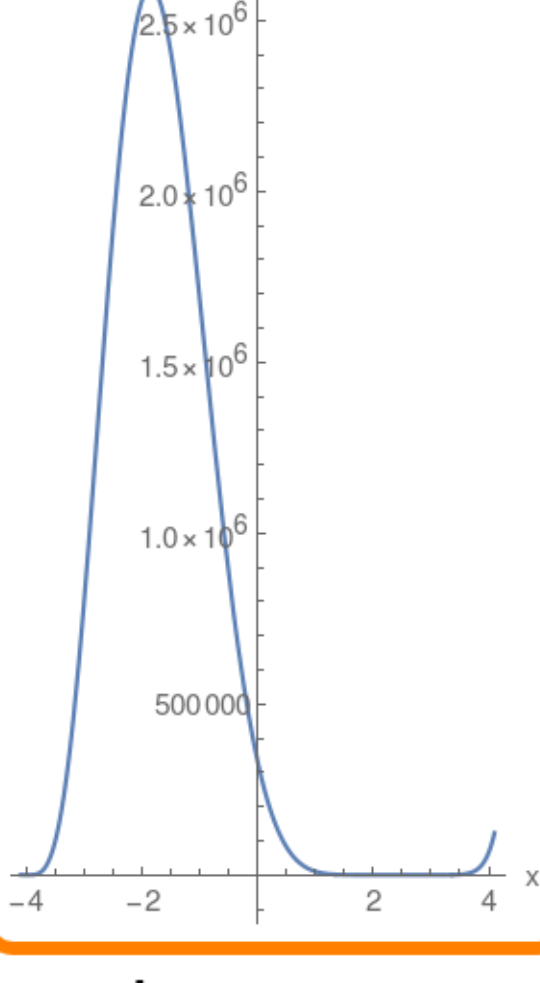
$$(x-3)^4x^4(x+4)^4$$



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



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



**Solution**

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

