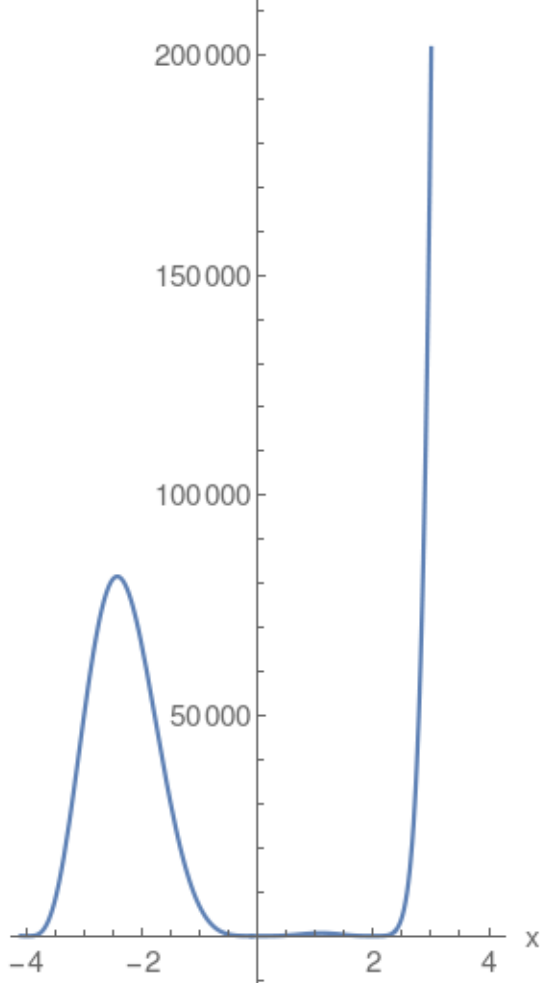
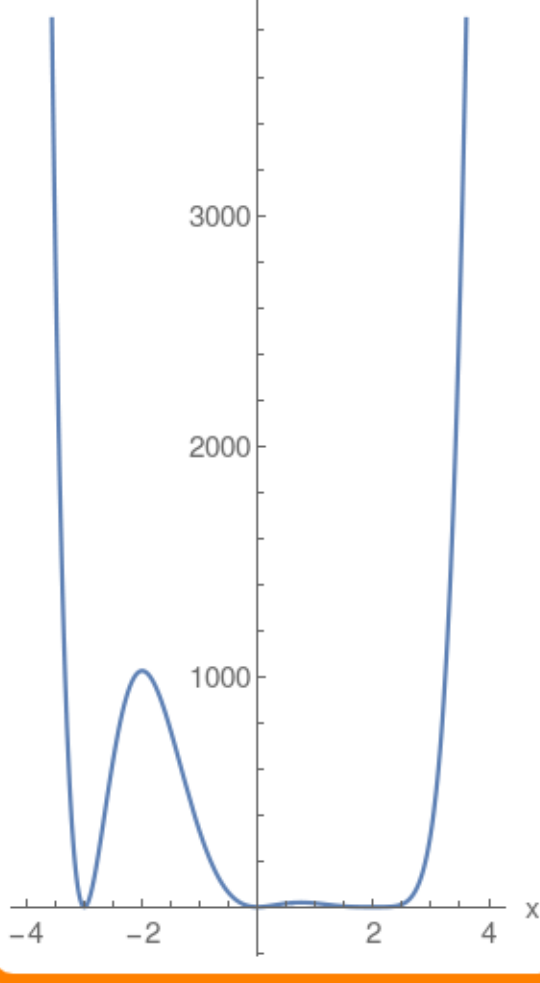


1. Which polynomial-graph matches?

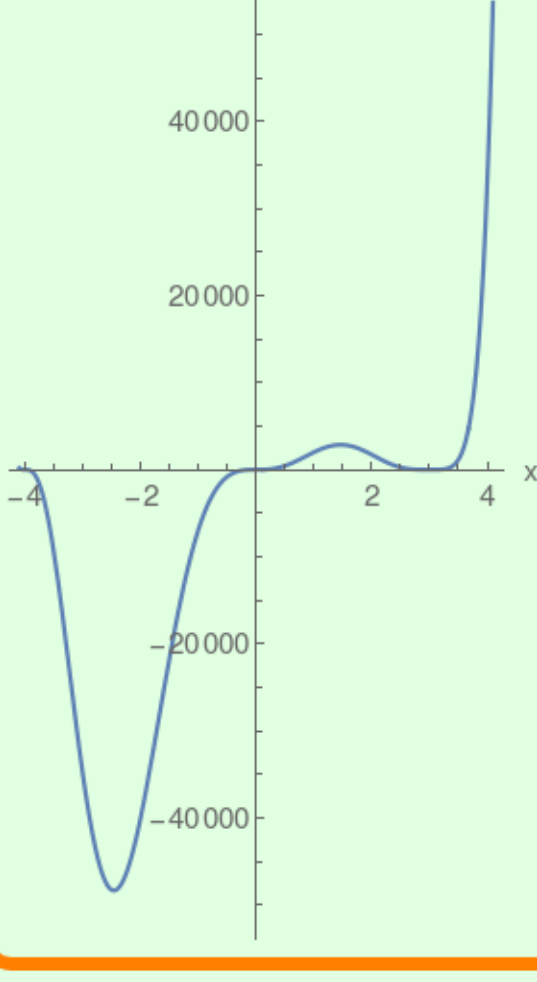
$$(x-2)^4 x^4 (x+3)^2$$



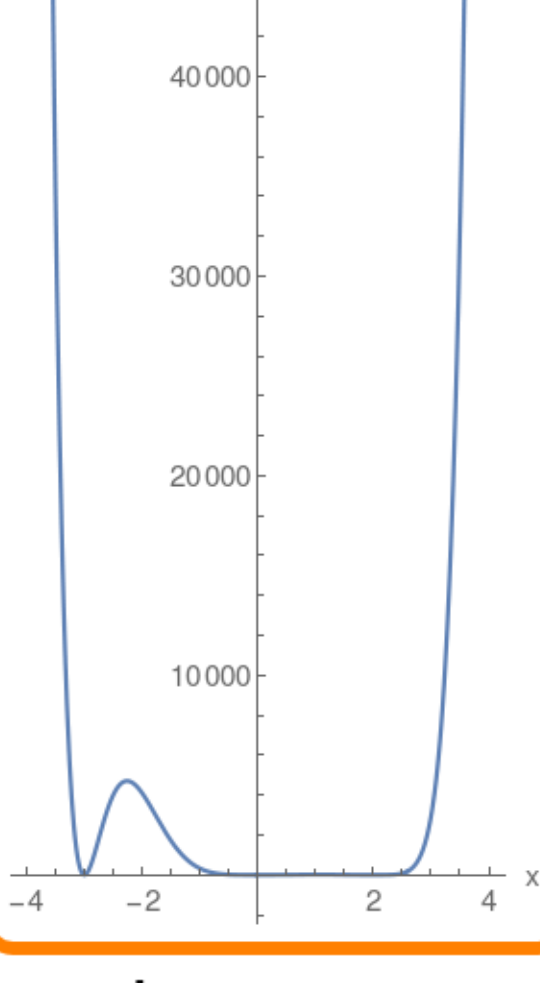
$$(x-2)^4 x^4 (x+4)^4$$



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



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



**Solution**

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

