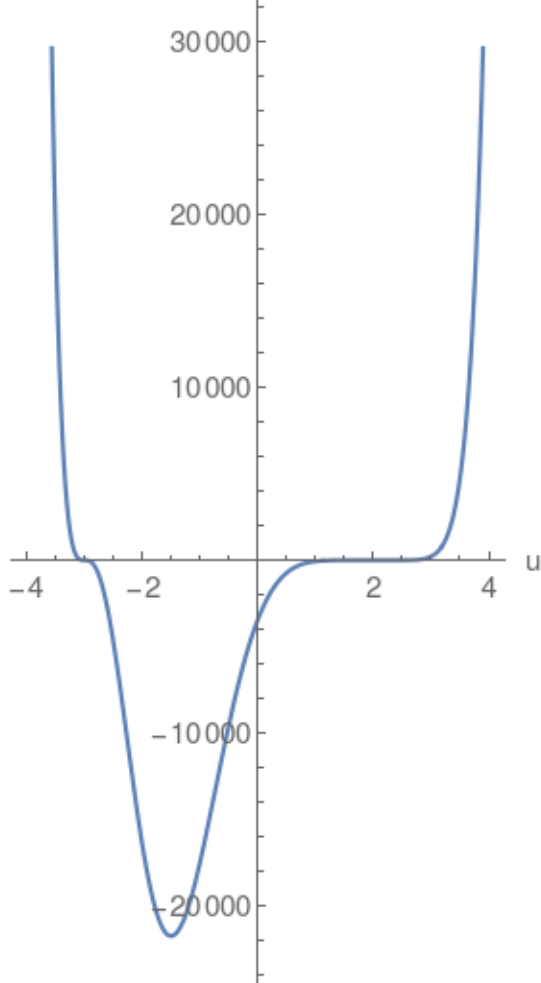
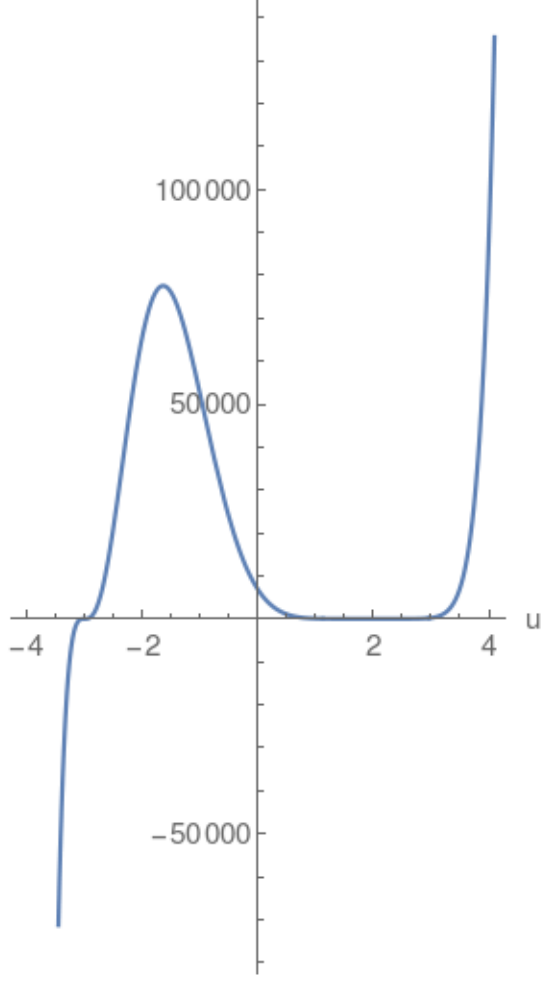


1. Which polynomial-graph matches?

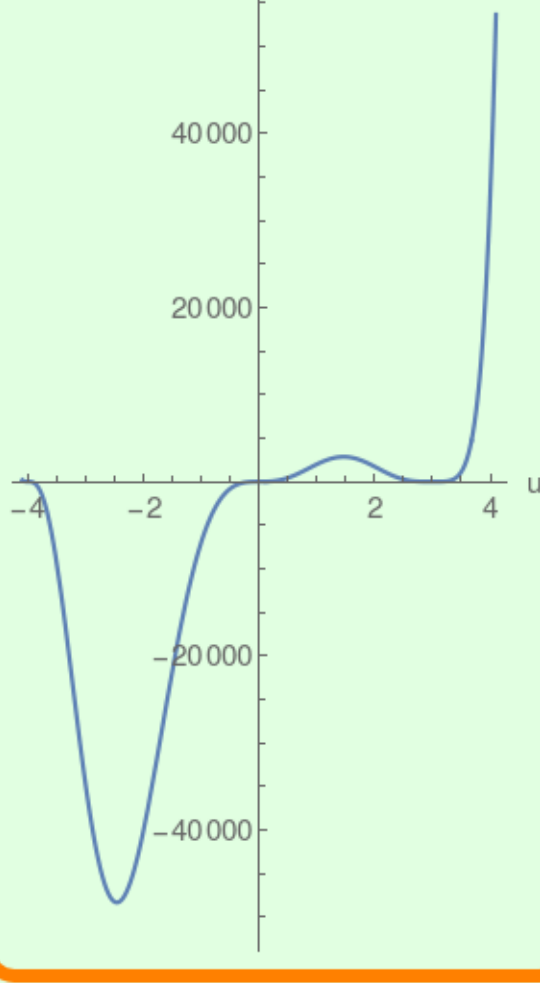
$$(u-3)^4 u^4 (u+3)^3$$



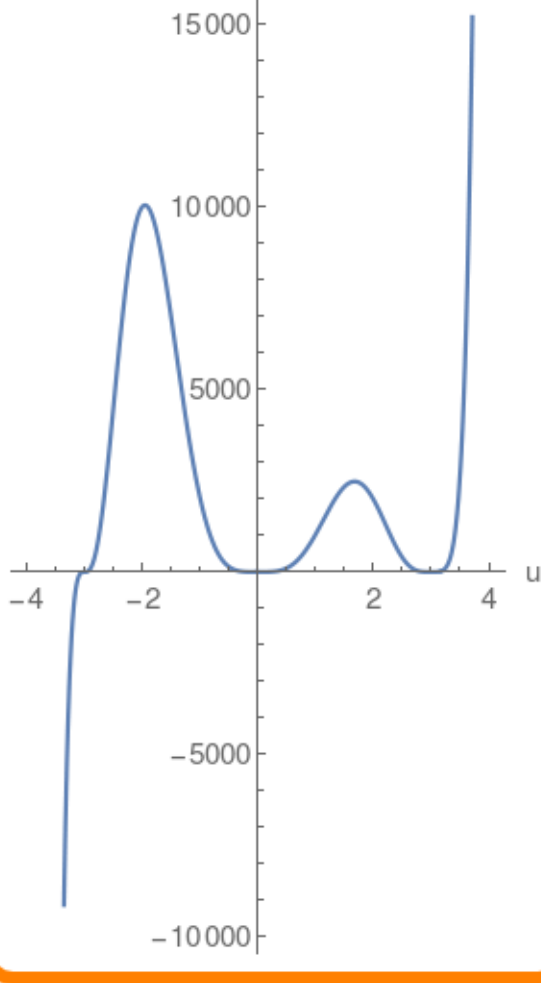
$$(u-2)^7 (u+3)^3$$



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



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



Solution

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

