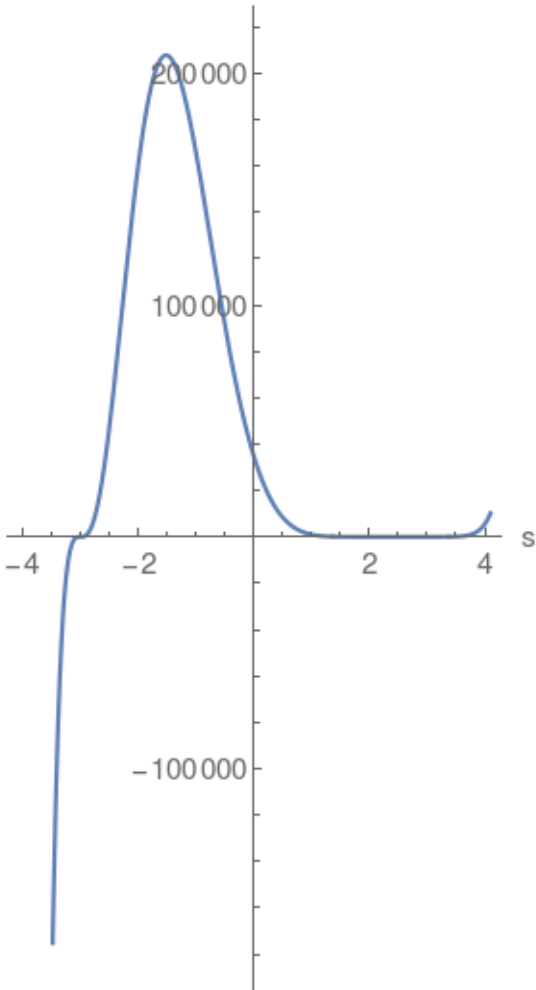
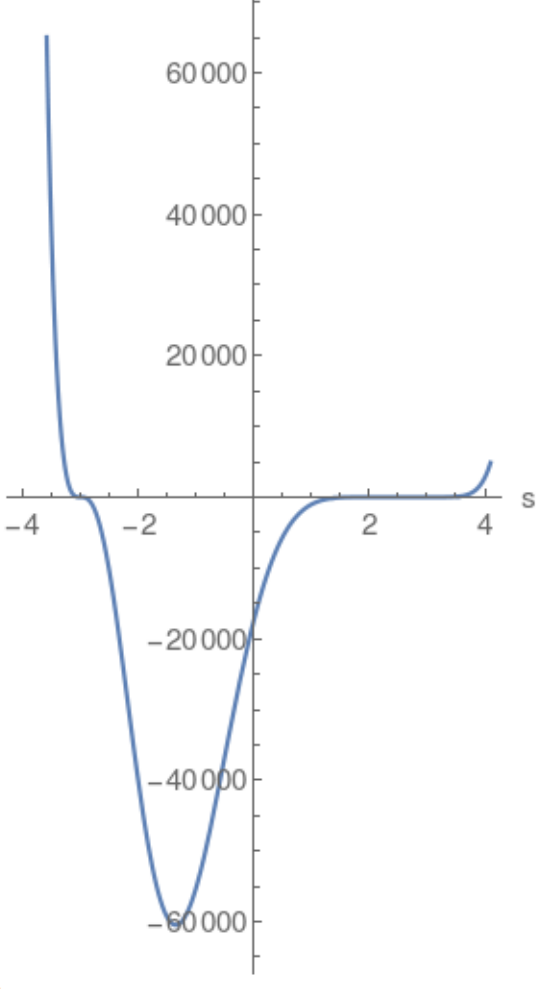


1. Which polynomial-graph matches?

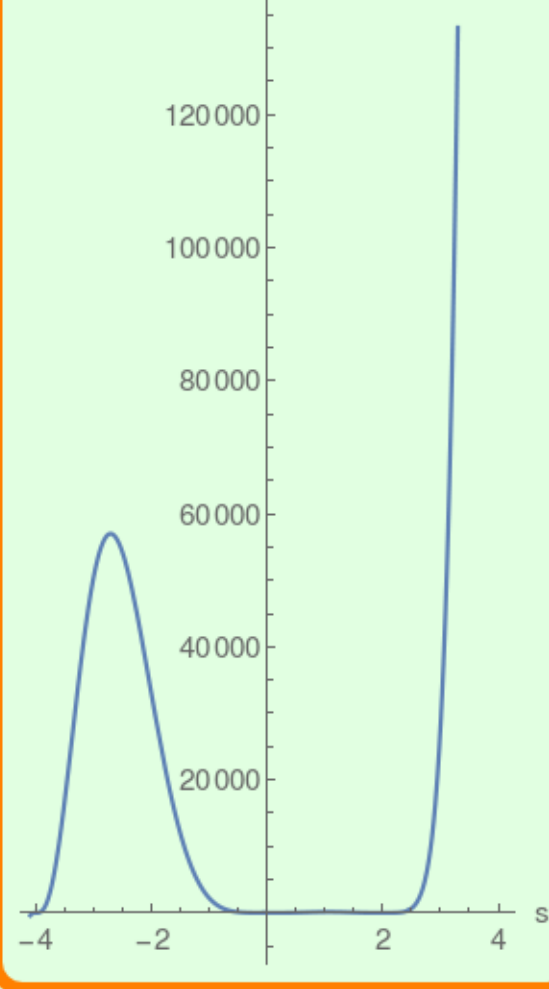
$$(s-2)^3 s^3 (s+4)^3$$



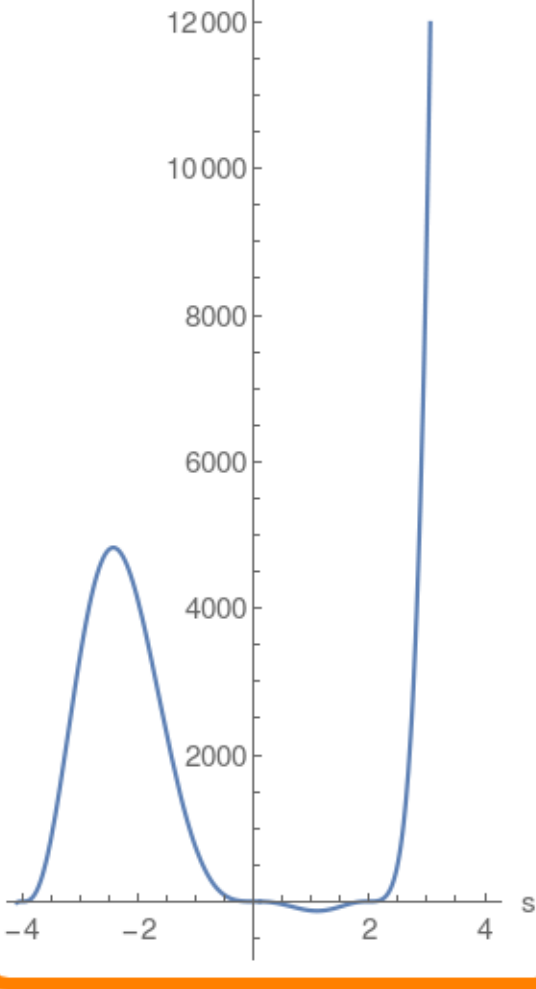
$$(s-3)^4 (s-2)^4 (s+3)^3$$



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



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



Solution

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

