2.

Which of the following is the Quotient of $-3\,h^6+9\,h^5+9\,h^4-47\,h^3+21\,h^2+41\,h-33$ divided by $(-h-1)\,(1-h)^2$

				+ ($3\,h^3$)	+ ($-6\,h^2$)	+ ($-12\,h$)	+ (26)
$(-h-1)\,(1-h)^2$	$(-3)\,h^6$	$+(9)\,h^5$	$+(9)\,h^4$	$+(-47)\,h^3$	$+(21)\,h^2$	$+(41)\,h$	$+(-33)$
	($-3\,h^6$)	+ ($3\,h^5$)	+ ($3\,h^4$)	+ ($-3\,h^3$)			
		$+(6)\,h^5$	$+(6)\,h^4$	$+(-44)\,h^3$	$+(21)\,h^2$	$+(41)\,h$	$+(-33)$
		+ ($6\,h^5$)	+ ($-6\,h^4$)	+ ($-6\,h^3$)	+ ($6\,h^2$)		
			$+(12)\,h^4$	$+(-38)\,h^3$	$+(15)\,h^2$	$+(41)\,h$	$+(-33)$
			+ ($12\,h^4$)	+ ($-12\,h^3$)	+ ($-12\,h^2$)	+ ($12\,h$)	
				$+(-26)\,h^3$	$+(27)\,h^2$	$+(29)\,h$	$+(-33)$
				+ ($-26\,h^3$)	+ ($26\,h^2$)	+ ($26\,h$)	+ (-26)
					+ (h^2)	+ ($3\,h$)	+ (-7)

Coefficient list:

{3, -6, -12, 26}