

4.

Which of the following is the Quotient of  $-3p^6 + 3p^5 + 21p^4 - 17p^3 - 41p^2 + 17p + 17$  divided by  $(-p-1)^2(1-p)$

				$+ (3p^3)$	$+ (-6p^2)$	$+ (-12p)$	$+ (26)$
$(-p-1)^2(1-p)$	$(-3)p^6$	$+ (3)p^5$	$+ (21)p^4$	$+ (-17)p^3$	$+ (-41)p^2$	$+ (17)p$	$+ (17)$
	$(-3p^6)$	$+ (-3p^5)$	$+ (3p^4)$	$+ (3p^3)$			
		$+ (6)p^5$	$+ (18)p^4$	$+ (-20)p^3$	$+ (-41)p^2$	$+ (17)p$	$+ (17)$
		$+ (6p^5)$	$+ (6p^4)$	$+ (-6p^3)$	$+ (-6p^2)$		
			$+ (12)p^4$	$+ (-14)p^3$	$+ (-35)p^2$	$+ (17)p$	$+ (17)$
			$+ (12p^4)$	$+ (12p^3)$	$+ (-12p^2)$	$+ (-12p)$	
				$+ (-26)p^3$	$+ (-23)p^2$	$+ (29)p$	$+ (17)$
				$+ (-26p^3)$	$+ (-26p^2)$	$+ (26p)$	$+ (26)$
					$+ (3p^2)$	$+ (3p)$	$+ (-9)$

Coefficient list:

$\{3, -6, -12, 26\}$