

3.

Which of the following is the Quotient of $-3x^6 + 3x^5 + 18x^4 - 14x^3 - 23x^2 - 4$ divided by $(-x - 1)(2 - x)^2$

				$+ (3x^3)$	$+ (6x^2)$	$+ (2)$
$(-x - 1)(2 - x)^2$	$(-3)x^6$	$+ (3)x^5$	$+ (18)x^4$	$+ (-14)x^3$	$+ (-23)x^2$	$+ (-4)$
	$(-3x^6)$	$+ (9x^5)$		$+ (-12x^3)$		
		$+ (-6)x^5$	$+ (18)x^4$	$+ (-2)x^3$	$+ (-23)x^2$	$+ (-4)$
		$+ (-6x^5)$	$+ (18x^4)$		$+ (-24x^2)$	
				$+ (-2)x^3$	$+ (1)x^2$	$+ (-4)$
				$+ (-2x^3)$	$+ (6x^2)$	$+ (-8)$
					$+ (-5x^2)$	$+ (4)$

Coefficient list:

$\{3, 6, 0, 2\}$