

2.

Which of the following is the Quotient of $-3b^6 - 9b^5 + 9b^4 + 43b^3 + 15b^2 - 31b - 15$ divided by $(-b - 2)^2(2 - b)$

				$+ (3b^3)$	$+ (3b^2)$	$+ (-3b)$	$+ (-1)$
$(-b - 2)^2(2 - b)$	$(-3)b^6$	$+ (-9)b^5$	$+ (9)b^4$	$+ (43)b^3$	$+ (15)b^2$	$+ (-31)b$	$+ (-15)$
	$(-3b^6)$	$+ (-6b^5)$	$+ (12b^4)$	$+ (24b^3)$			
		$+ (-3)b^5$	$+ (-3)b^4$	$+ (19)b^3$	$+ (15)b^2$	$+ (-31)b$	$+ (-15)$
		$+ (-3b^5)$	$+ (-6b^4)$	$+ (12b^3)$	$+ (24b^2)$		
			$+ (3)b^4$	$+ (7)b^3$	$+ (-9)b^2$	$+ (-31)b$	$+ (-15)$
			$+ (3b^4)$	$+ (6b^3)$	$+ (-12b^2)$	$+ (-24b)$	
				$+ (1)b^3$	$+ (3)b^2$	$+ (-7)b$	$+ (-15)$
				$+ (b^3)$	$+ (2b^2)$	$+ (-4b)$	$+ (-8)$
					$+ (b^2)$	$+ (-3b)$	$+ (-7)$

Coefficient list:

$\{3, 3, -3, -1\}$