

5.

Which of the following is the Quotient of $-3q^6 + 3q^5 + 21q^4 - 17q^3 - 41q^2 - q + 26$ divided by $(1 - q)(2 - q)^2$

				+	$(3q^3)$	+	$(12q^2)$	+	$(15q)$	+	(8)
$(1 - q)(2 - q)^2$	$(-3)q^6$	$+ (3)q^5$	$+ (21)q^4$	$+ (-17)q^3$	$+ (-41)q^2$	$+ (-1)q$	$+ (26)$				
	$(-3q^6)$	$+ (15q^5)$	$+ (-24q^4)$	$+ (12q^3)$							
		$+ (-12)q^5$	$+ (45)q^4$	$+ (-29)q^3$	$+ (-41)q^2$	$+ (-1)q$	$+ (26)$				
		$+ (-12q^5)$	$+ (60q^4)$	$+ (-96q^3)$	$+ (48q^2)$						
			$+ (-15)q^4$	$+ (67)q^3$	$+ (-89)q^2$	$+ (-1)q$	$+ (26)$				
			$+ (-15q^4)$	$+ (75q^3)$	$+ (-120q^2)$	$+ (60q)$					
				$+ (-8)q^3$	$+ (31)q^2$	$+ (-61)q$	$+ (26)$				
				$+ (-8q^3)$	$+ (40q^2)$	$+ (-64q)$	$+ (32)$				
					$+ (-9q^2)$	$+ (3q)$	$+ (-6)$				

Coefficient list:

$\{3, 12, 15, 8\}$