

4.

Which of the following is the Quotient of $-3f^6 + 12f^5 - 9f^4 - 14f^3 + 16f^2 - 8f + 4$ divided by $(1-f)(2-f)^2$

				$+(3f^3)$	$+(3f^2)$		$+(2)$
$(1-f)(2-f)^2$	$(-3)f^6$	$+(12)f^5$	$+(-9)f^4$	$+(-14)f^3$	$+(16)f^2$	$+(-8)f$	$+(4)$
	$(-3f^6)$	$+(15f^5)$	$+(-24f^4)$	$+(12f^3)$			
		$+(-3)f^5$	$+(15)f^4$	$+(-26)f^3$	$+(16)f^2$	$+(-8)f$	$+(4)$
		$+(-3f^5)$	$+(15f^4)$	$+(-24f^3)$	$+(12f^2)$		
				$+(-2)f^3$	$+(4)f^2$	$+(-8)f$	$+(4)$
				$+(-2f^3)$	$+(10f^2)$	$+(-16f)$	$+(8)$
					$+(-6f^2)$	$+(8f)$	$+(-4)$

Coefficient list:

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