

2.

Which of the following is the Quotient of $-3h^6 - 3h^5 + 21h^4 + 13h^3 - 43h^2 - 25h + 22$ divided by $(1-h)^2(2-h)$

				$+ (3h^3)$	$+ (15h^2)$	$+ (24h)$	$+ (14)$
$(1-h)^2(2-h)$	$(-3)h^6$	$+ (-3)h^5$	$+ (21)h^4$	$+ (13)h^3$	$+ (-43)h^2$	$+ (-25)h$	$+ (22)$
	$(-3h^6)$	$+ (12h^5)$	$+ (-15h^4)$	$+ (6h^3)$			
		$+ (-15)h^5$	$+ (36)h^4$	$+ (7)h^3$	$+ (-43)h^2$	$+ (-25)h$	$+ (22)$
		$+ (-15h^5)$	$+ (60h^4)$	$+ (-75h^3)$	$+ (30h^2)$		
			$+ (-24)h^4$	$+ (82)h^3$	$+ (-73)h^2$	$+ (-25)h$	$+ (22)$
			$+ (-24h^4)$	$+ (96h^3)$	$+ (-120h^2)$	$+ (48h)$	
				$+ (-14)h^3$	$+ (47)h^2$	$+ (-73)h$	$+ (22)$
				$+ (-14h^3)$	$+ (56h^2)$	$+ (-70h)$	$+ (28)$
					$+ (-9h^2)$	$+ (-3h)$	$+ (-6)$

Coefficient list:

$\{3, 15, 24, 14\}$