2.

Which of the following is the Quotient of $-3p^6 - 3p^5 + 24p^4 + 22p^3 - 49p^2 - 60p - 4$ divided by $-(2-p)^2 p$

$$+(\boxed{3p^3}) \quad +(\boxed{15p^2}) \quad +(\boxed{24p}) \quad +\boxed{14}$$

$-(2-p)^2 p$	$(-3)p^6$	$+(-3)p^5$	$+(24)p^4$	$+(22)p^3$	$+(-49)p^2$	$+(-60)p$	$+(-4)$
	$(\boxed{-3p^6})$	$+(\boxed{12p^5})$	$+(\boxed{-12p^4})$				
		$+(-15)p^5$	$+(36)p^4$	$+(22)p^3$	$+(-49)p^2$	$+(-60)p$	$+(-4)$
		$+(\boxed{-15p^5})$	$+(\boxed{60p^4})$	$+(\boxed{-60p^3})$			
			$+(-24)p^4$	$+(82)p^3$	$+(-49)p^2$	$+(-60)p$	$+(-4)$
			$+(\boxed{-24p^4})$	$+(\boxed{96p^3})$	$+(\boxed{-96p^2})$		
				$+(-14)p^3$	$+(47)p^2$	$+(-60)p$	$+(-4)$
				$+(\boxed{-14p^3})$	$+(\boxed{56p^2})$	$+(\boxed{-56p})$	
					$+(\boxed{-9p^2})$	$+(\boxed{-4p})$	$+(\boxed{-4})$

Coefficient list:
{3, 15, 24, 14}