4.

Which of the following is the Quotient of $-3a^6 + 9a^5 - 3a^4 - 11a^3 + 9a^2 - 5a + 2$ divided by $(-a-1)a^2$

				$+(\boxed{3a^3})$	$+(\boxed{-12a^2})$	$+(\boxed{15a})$	$+(\boxed{-4})$
$\boxed{(-a-1)a^2}$	$(-3)a^6$	$+(9)a^5$	$+(-3)a^4$	$+(-11)a^3$	$+(9)a^2$	$+(-5)a$	$+(2)$
	$(\boxed{-3a^6})$	$+(\boxed{-3a^5})$					
		$+(12)a^5$	$+(-3)a^4$	$+(-11)a^3$	$+(9)a^2$	$+(-5)a$	$+(2)$
		$+(\boxed{12a^5})$	$+(\boxed{12a^4})$				
			$+(-15)a^4$	$+(-11)a^3$	$+(9)a^2$	$+(-5)a$	$+(2)$
			$+(\boxed{-15a^4})$	$+(\boxed{-15a^3})$			
				$+(4)a^3$	$+(9)a^2$	$+(-5)a$	$+(2)$
				$+(\boxed{4a^3})$	$+(\boxed{4a^2})$		
					$+(\boxed{5a^2})$	$+(\boxed{-5a})$	$+(\boxed{2})$

Coefficient list:
$\{3, -12, 15, -4\}$