5.

Which of the following is the Quotient of $-3j^6 - 9j^5 - 3j^4 + 7j^3 + 3j^2 + j + 1$ divided by $(-j-2)j^2$

$$+(\boxed{3j^3}) \quad +(\boxed{3j^2}) \quad +(\boxed{-3j}) \quad +(\boxed{-1})$$

$(-j-2)j^2$	$(-3)j^6$	$+(-9)j^5$	$+(-3)j^4$	$+(7)j^3$	$+(3)j^2$	$+(1)j$	$+(1)$
	$(\boxed{-3j^6})$	$+(\boxed{-6j^5})$					
		$+(-3)j^5$	$+(-3)j^4$	$+(7)j^3$	$+(3)j^2$	$+(1)j$	$+(1)$
		$+(\boxed{-3j^5})$	$+(\boxed{-6j^4})$				
			$+(3)j^4$	$+(7)j^3$	$+(3)j^2$	$+(1)j$	$+(1)$
			$+(\boxed{3j^4})$	$+(\boxed{6j^3})$			
				$+(1)j^3$	$+(3)j^2$	$+(1)j$	$+(1)$
				$+(\boxed{j^3})$	$+(\boxed{2j^2})$		
					$+(\boxed{j^2})$	$+(\boxed{j})$	$+(\boxed{1})$

Coefficient list:
{3, 3, -3, -1}