5.

Which of the following is the Quotient of $-3\,e^6 + 3\,e^5 + 18\,e^4 - 14\,e^3 - 23\,e^2 - 4$ divided by $(-e - 1)\,(2 - e)^2$

				$+(\boxed{3\,e^3})$	$+(\boxed{6\,e^2})$	$+(\boxed{2})$
$\boxed{(-e-1)\,(2-e)^2}$	$(-3)\,e^6$	$+(3)\,e^5$	$+(18)\,e^4$	$+(-14)\,e^3$	$+(-23)\,e^2$	$+(-4)$
	$(\boxed{-3\,e^6})$	$+(\boxed{9\,e^5})$		$+(\boxed{-12\,e^3})$		
		$+(-6)\,e^5$	$+(18)\,e^4$	$+(-2)\,e^3$	$+(-23)\,e^2$	$+(-4)$
		$+(\boxed{-6\,e^5})$	$+(\boxed{18\,e^4})$		$+(\boxed{-24\,e^2})$	
				$+(-2)\,e^3$	$+(1)\,e^2$	$+(-4)$
				$+(\boxed{-2\,e^3})$	$+(\boxed{6\,e^2})$	$+(\boxed{-8})$
					$+(\boxed{-5\,e^2})$	$+(\boxed{4})$

Coefficient list:
{3, 6, 0, 2}