

$-\frac{27}{5}x + 9$	$g(x)$	$f(x)$	$x + \frac{1}{3}$
	$3x^3 + 10x^2 + 4x - 3$	$x^3 - x^2 + 3x^3 - 3x^2 - x - 3$	
	$3x^3 + 3x^2 - 3x$	$x^4 + 3x^3 - x^2 - 4x + 3$	
	$-4x^2 - 4x + 4$	$x^3 + 7x^2 + 5x - 6$	
	$-4x^2 - 4x + 4$	$x^3 - \frac{1}{3}x^2 - \frac{7}{3}x + \frac{4}{3}$	
	0	$r_1(x) = \frac{22}{3}x^2 + \frac{22}{3}x - \frac{22}{3}$	
		$\frac{22}{3}r_1(x) = x^2 + x - 1$	