1.

Which of the following is the Quotient of $-3\,b^6+9\,b^5+3\,b^4-23\,b^3+3\,b^2+3\,b+4$ divided by $-(-b-1)^2\,b$

				+ (3 b^3)	+ (−15 b^2)	+ (24 b)	+ (−10)
−(−b − 1)^2 b	(−3) b^6	+ (9) b^5	+ (3) b^4	+ (−23) b^3	+ (3) b^2	+ (3) b	+ (4)
	(−3 b^6)	+ (−6 b^5)	+ (−3 b^4)				
		+ (15) b^5	+ (6) b^4	+ (−23) b^3	+ (3) b^2	+ (3) b	+ (4)
		+ (15 b^5)	+ (30 b^4)	+ (15 b^3)			
			+ (−24) b^4	+ (−38) b^3	+ (3) b^2	+ (3) b	+ (4)
			+ (−24 b^4)	+ (−48 b^3)	+ (−24 b^2)		
				+ (10) b^3	+ (27) b^2	+ (3) b	+ (4)
				+ (10 b^3)	+ (20 b^2)	+ (10 b)	
					+ (7 b^2)	+ (−7 b)	+ (4)

Coefficient list:

{3, −15, 24, −10}