**2.**

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

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

Coefficient list:

{3, −15, 24, −10}