

3.

Which of the following is the remainder of $-s^3 + 3s^2 + s + 2$ divided by $s + 1$

$$\begin{array}{r}
 + (-s^2) + (4s) + (-3) \\
 \hline
 s+1 \quad (-1)s^3 + (3)s^2 + (1)s + (2) \\
 (-s^3) + (-s^2) \\
 + (4)s^2 + (1)s + (2) \\
 + (4s^2) + (4s) \\
 + (-3)s + (2) \\
 + (-3s) + (-3) \\
 + (5)
 \end{array}$$