

2.

Which of the following is the Quotient of $-3n^6 - 3n^5 + 18n^4 + 10n^3 - 25n^2 + 4$ divided by $(2 - n)n^2$

$$\begin{array}{r}
 + (3n^3) + (9n^2) + (-10) \\
 \hline
 (2-n)n^2 \quad (-3)n^6 \quad + (-3)n^5 \quad + (18)n^4 \quad + (10)n^3 \quad + (-25)n^2 \quad + (4) \\
 \quad (-3n^6) \quad + (6n^5) \\
 \quad + (-9)n^5 \quad + (18)n^4 \quad + (10)n^3 \quad + (-25)n^2 \quad + (4) \\
 \quad + (-9n^5) \quad + (18n^4) \\
 \quad + (10)n^3 \quad + (-25)n^2 \quad + (4) \\
 \quad + (10n^3) \quad + (-20n^2) \\
 \quad + (-5n^2) \quad + (4)
 \end{array}$$

Coefficient list:

$\{3, 9, 0, -10\}$