

4.

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

$$\begin{array}{r}
 + (2x^2) + (5x) + (13) \\
 \hline
 x-2 \quad (2)x^3 + (1)x^2 + (3)x \\
 (2x^3) + (-4x^2) \\
 + (5)x^2 + (3)x \\
 + (5x^2) + (-10x) \\
 + (13)x \\
 + (13x) + (-26) \\
 + (26)
 \end{array}$$