

$$\begin{array}{r}
 2x - 5 \overline{) 8x^4 + 0x^3 - 5x^2 + 6x - 9} \\
 \underline{+ 8x^4} \phantom{+ 0x^3} \\
 0 \phantom{+ 0x^3} - 5x^2 + 6x - 9 \\
 \phantom{0} \underline{+ 20x^3} \\
 \phantom{0} 20x^3 - 5x^2 + 6x - 9 \\
 \phantom{0} \phantom{20x^3} \underline{+ 20x^3} \\
 \phantom{0} \phantom{20x^3} 0 - 5x^2 + 6x - 9 \\
 \phantom{0} \phantom{20x^3} \phantom{0} \underline{+ 45x^2} \\
 \phantom{0} \phantom{20x^3} \phantom{0} 45x^2 + 6x - 9 \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \underline{- 45x^2} \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} 0 + 6x - 9 \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \underline{+ 237x} \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} 237x - 9 \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \phantom{237x} \underline{- 237x} \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \phantom{237x} 0 + 1185 \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \phantom{237x} \phantom{0} \underline{+ 1185} \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \phantom{237x} \phantom{0} 0 + 1185 \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \phantom{237x} \phantom{0} \phantom{0} \underline{+ 1185} \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \phantom{237x} \phantom{0} \phantom{0} 0 + 1185 \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \phantom{237x} \phantom{0} \phantom{0} \phantom{0} \underline{+ 1185} \\
 \phantom{0} \phantom{20x^3} \phantom{0} \phantom{45x^2} \phantom{0} \phantom{237x} \phantom{0} \phantom{0} \phantom{0} 0 + 1185
 \end{array}$$

$\frac{237}{2}x$   
 $\frac{2x}{2}$   
 $\frac{237}{2} \cdot \frac{1}{2}x$   
 $\frac{237}{4}$

Apr 6-11:15 AM

$$(-5k^2 + k^3 + 8k + 4) \div (-1 + k)$$

$$\begin{array}{r}
 k-1 \overline{) k^3 - 5k^2 + 8k + 4} \\
 \underline{-k^3 + k^2} \\
 0 - 4k^2 + 8k + 4 \\
 \phantom{0} \underline{+ 4k^2 + 4k} \\
 \phantom{0} 0 4k + 4 \\
 \phantom{0} \phantom{4k} \underline{+ 4} \\
 \phantom{0} \phantom{4k} 0 \text{ (R)}
 \end{array}$$

Apr 6-11:36 AM