CỘNG, TRỪ ĐA THỨC MỘT BIẾN

ĐỀ BÀI

Cho hai đa thức: $P(x) = 5x^3 + x^2 - x + 3$; $Q(x) = x^3 - 2x^2 + 3x + 2$

BÀI LÀM

$$
\begin{aligned}
P(x) + Q(x) &= \left(5x^3 + x^2 - x + 3\right) + \left(x^3 - 2x^2 + 3x + 2\right) \\
&= 5x^3 + x^2 - x + 3 + x^3 - 2x^2 + 3x + 2 \\
&= \left(5x^3 + \ldots\ldots\right) + \left(x^2 \quad 2x^2\right) + \left(-x \quad \ldots\ldots\right) + \left(\ldots\ldots + 2\right) \\
&= \ldots\ldots x^3 - \ldots\ldots \quad \ldots\ldots\ldots + \ldots\ldots
\end{aligned}
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\begin{aligned}
P(x) - Q(x) &= \left(5x^3 + x^2 - x + 3\right) - \left(x^3 - 2x^2 + 3x + 2\right) \\
&= 5x^3 + x^2 - x + 3 \quad x^3 \quad 2x^2 \quad 3x \quad 2 \\
&= \left(5x^3 \quad x^3\right) + \left(x^2 \quad 2x^2\right) + \left(-x \quad 3x\right) + \left(3 \quad 2\right) \\
&= \ldots\ldots x^3 \quad \ldots\ldots x^2 \quad \ldots\ldots x \quad \ldots\ldots
\end{aligned}
$$

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\begin{aligned}
Q(x) - P(x) &= \left(x^3 - 2x^2 + 3x + 2\right) - \left(5x^3 + x^2 - x + 3\right) \\
&= x^3 - 2x^2 + 3x + 2 - 5x^3 \quad x^2 \quad x \quad 3 \\
&= \left(x^3 - 5x^3\right) + \left(-2x^2 \quad x^2\right) + \left(3x \quad x\right) + \left(2 \quad 3\right) \\
&= \ldots\ldots x^3 - \ldots\ldots x^2 \quad \ldots\ldots x \quad \ldots\ldots
\end{aligned}
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LIVEWORKSHEETS