Multizestaw zadań

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1 Wikieł/Z1.53b

1. Zadanie z Wikieł Z 1.53 b) moja wersja nr [nrWersji]

Obliczyć iloraz wielomianów

$$([p1]x^4 - [p2]x^3 + [p3]x^2 - [p4]x + [p5]) : ([p6]x^2 - [p7]x + [p8]).$$

Rozwiązanie (autor Maja Szabłowska , recenzent):

$$\begin{array}{l}
([p1]x^4 - [p2]x^3 + [p3]x^2 - [p4]x + [p5]) : ([p6]x^2 - [p7]x + [p8]) = [a]x^2 + ([d])x + [g] \\
\underline{-[p1]x^4 + [ap7]x^3 - [ap8]x^2} \\
\quad [b]x^3 + ([c])x^2 - [p4]x + [p5] \\
\quad \underline{-([b])x^3 + ([dp7])x^2 - ([dp8])x} \\
\quad\quad [e]x^2 + [f]x + [p5] \\
\quad\quad \underline{-([e])x^2 + [gp7]x - [gp8]} \\
\quad\quad\quad R = [r]x + [r1]
\end{array}$$

Odpowiedź:
$[a]x^2 + ([d])x + [g], \quad R = [r]x + [r1]$
Test:
A.$[a]x^2+([d])x+[g], \quad R = [r]x+[r1]$ B.$[a]x^3-([e])x+[g], \quad R = [r1]$ D.$[a]x^3+([c])x^2 + [p1], \quad R = 0$ E.$([c])x^2 + [p3]x + [g], \quad R = [p1]$ F.$[p3]x^3, \quad R = 0$ G.$[p2]x^2+([e])x+[g], \quad R = [p1]x+[p2]$ H.$[p1]x^3+[p2]x^2+[p3]x+[p4], \quad R = [p3]x^2 + [r1]$
Test poprawna odpowiedź:
A