

calc_decimal_example

Student Group

First Name	Surname	Matrikel Nr.

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\color{white}{0.07} \\ \color{white}{\text{result}:} & \color{white}{\sum_i z_i \cdot B^i} & & & \color{white}{2658.47} \\ \end{smallmatrix} \end{align*}
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\begin{align*} \begin{smallmatrix} \color{white}{\text{number}:} & \color{white}{\{}} & \color{white}{\{2}} & \color{white}{\{6}} & \color{white}{\{5}} & \color{white}{\{8.}} & \color{white}{\{4}} & \color{white}{\{7}} \\ \color{white}{\text{index}:} & \color{white}{\{i}} & \color{white}{\{3}} & \color{white}{\{2}} & \color{white}{\{1}} & \color{white}{\{0}} & \color{white}{\{-1}} & \color{white}{\{-2}} \\ \color{white}{\text{place value}:} & \color{white}{\{B^i}} & \color{white}{\{10^3}} & \color{white}{\{10^2}} & \color{white}{\{10^1}} & \color{white}{\{10^0}} & \color{white}{\{10^{-1}}} & \color{white}{\{10^{-2}}} \\ \color{white}{\text{numerals}:} & \color{white}{\{z_i}} & \color{white}{\{2}} & \color{white}{\{6}} & \color{white}{\{5}} & \color{white}{\{8}} & \color{white}{\{4}} & \color{white}{\{7}} \\ \color{white}{\text{calc}.:} & \color{white}{\{z_i \cdot B^i}} & \color{white}{\{2000}} & \color{white}{\{600}} & \color{white}{\{50}} & \color{white}{\{8}} & \color{white}{\{0.4}} & \color{white}{\{0.07}} \\ \color{white}{\text{result}:} & \color{white}{\{\sum_i z_i \cdot B^i}} & & & & & & \color{white}{\{2658.47}} \end{smallmatrix} \end{align*}
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\begin{align*} \begin{smallmatrix} \color{blue}{\text{number}:} & \color{blue}{\{}} & \color{blue}{\{2}} & \color{blue}{\{6}} & \color{blue}{\{5}} & \color{blue}{\{8.}} & \color{blue}{\{4}} & \color{blue}{\{7}} \\ \color{blue}{\text{index}:} & \color{blue}{\{i}} & \color{blue}{\{3}} & \color{blue}{\{2}} & \color{blue}{\{1}} & \color{blue}{\{0}} & \color{blue}{\{-1}} & \color{blue}{\{-2}} \\ \color{blue}{\text{place value}:} & \color{blue}{\{B^i}} & \color{blue}{\{10^3}} & \color{blue}{\{10^2}} & \color{blue}{\{10^1}} & \color{blue}{\{10^0}} & \color{blue}{\{10^{-1}}} & \color{blue}{\{10^{-2}}} \\ \color{blue}{\text{numerals}:} & \color{blue}{\{z_i}} & \color{blue}{\{2}} & \color{blue}{\{6}} & \color{blue}{\{5}} & \color{blue}{\{8}} & \color{blue}{\{4}} & \color{blue}{\{7}} \\ \color{blue}{\text{calc}.:} & \color{blue}{\{z_i \cdot B^i}} & \color{blue}{\{2000}} & \color{blue}{\{600}} & \color{blue}{\{50}} & \color{blue}{\{8}} & \color{blue}{\{0.4}} & \color{blue}{\{0.07}} \\ \color{blue}{\text{result}:} & \color{blue}{\{\sum_i z_i \cdot B^i}} & & & & & & \color{blue}{\{2658.47}} \end{smallmatrix} \end{align*}
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\begin{align*} \begin{smallmatrix} \color{black}{\text{number}:} & \color{black}{\{}} & \color{black}{\{2}} & \color{black}{\{6}} & \color{black}{\{5}} & \color{black}{\{8.}} & \color{black}{\{4}} & \color{black}{\{7}} \\ \color{black}{\text{index}:} & \color{black}{\{i}} & \color{black}{\{3}} & \color{black}{\{2}} & \color{black}{\{1}} & \color{black}{\{0}} & \color{black}{\{-1}} & \color{black}{\{-2}} \\ \color{black}{\text{place value}:} & \color{black}{\{B^i}} & \color{black}{\{10^3}} & \color{black}{\{10^2}} & \color{black}{\{10^1}} & \color{black}{\{10^0}} & \color{black}{\{10^{-1}}} & \color{black}{\{10^{-2}}} \\ \color{black}{\text{numerals}:} & \color{black}{\{z_i}} & \color{black}{\{2}} & \color{black}{\{6}} & \color{black}{\{5}} & \color{black}{\{8}} & \color{black}{\{4}} & \color{black}{\{7}} \\ \color{black}{\text{calc}.:} & \color{black}{\{z_i \cdot B^i}} & \color{black}{\{2000}} & \color{black}{\{600}} & \color{black}{\{50}} & \color{black}{\{8}} & \color{black}{\{0.4}} & \color{black}{\{0.07}} \\ \color{black}{\text{result}:} & \color{black}{\{\sum_i z_i \cdot B^i}} & & & & & & \color{black}{\{2658.47}} \end{smallmatrix} \end{align*}
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value		2	6	5	8,	4	7	
index	\$i\$	3	2	1	0	-1	-2	

