

# calc\_decimal\_example

## Student Group

First Name	Surname	Matrikel Nr.

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$\color{white}{600}$  &  $\color{white}{50}$  &  $\color{white}{8}$  &  $\color{white}{0.4}$  &  
 $\color{white}{0.07}$  \\  $\color{white}{\text{result:}}$  &  $\color{white}{\sum_i z_i \cdot B^i}$  & &  
 $\color{white}{2658.47}$  \\  $\end{smallmatrix}$   $\end{align*}$  First: But space between the numerals to  
see the thousands, hundreds, tens, ones, tenths, hundredths

$\begin{align*}$   $\begin{smallmatrix}$   $\color{white}{\text{number:}}$  &  $\color{white}{}$  &  
 $\color{white}{2}$  &  $\color{white}{6}$  &  $\color{white}{5}$  &  $\color{white}{8.}$  &  $\color{white}{4}$  &  
 $\color{white}{7}$  \\  $\color{white}{\text{index:}}$  &  $\color{white}{i}$  &  $\color{white}{3}$  &  
 $\color{white}{2}$  &  $\color{white}{1}$  &  $\color{white}{0}$  &  $\color{white}{-1}$  &  $\color{white}{-2}$  \\ \\
 $\color{white}{\text{place value:}}$  &  $\color{white}{B^i}$  &  $\color{white}{10^3}$  &  
 $\color{white}{10^2}$  &  $\color{white}{10^1}$  &  $\color{white}{10^0}$  &  $\color{white}{10^{-1}}$  &  
 $\color{white}{10^{-2}}$  \\ \\  $\color{white}{}$  &  $\color{white}{}$  &  $\color{white}{1000}$  &  
 $\color{white}{100}$  &  $\color{white}{10}$  &  $\color{white}{1}$  &  $\color{white}{0.1}$  &  
 $\color{white}{0.01}$  \\ \\  $\color{white}{\text{numerals:}}$  &  $\color{white}{z_i}$  &  $\color{white}{2}$  &  
 $\color{white}{6}$  &  $\color{white}{5}$  &  $\color{white}{8}$  &  $\color{white}{4}$  &  $\color{white}{7}$  \\ \\
 $\color{white}{\text{calc.}}$  &  $\color{white}{z_i \cdot B^i}$  &  $\color{white}{2000}$  &  
 $\color{white}{600}$  &  $\color{white}{50}$  &  $\color{white}{8}$  &  $\color{white}{0.4}$  &  
 $\color{white}{0.07}$  \\  $\color{white}{\text{result:}}$  &  $\color{white}{\sum_i z_i \cdot B^i}$  & & &  
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$\begin{align*}$   $\begin{smallmatrix}$   $\color{blue}{\text{number:}}$  &  $\color{blue}{}$  &  $\color{blue}$   
 $\color{blue}{2}$  &  $\color{blue}{6}$  &  $\color{blue}{5}$  &  $\color{blue}{8.}$  &  $\color{blue}{4}$  &  
 $\color{blue}{7}$  \\  $\color{blue}{\text{index:}}$  &  $\color{blue}{i}$  &  $\color{blue}{3}$  &  $\color{blue}{2}$  &  
 $\color{blue}{1}$  &  $\color{blue}{0}$  &  $\color{blue}{-1}$  &  $\color{blue}{-2}$  \\ \\
 $\color{blue}{\text{place value:}}$  &  $\color{blue}{B^i}$  &  $\color{blue}{10^3}$  &  $\color{blue}{10^2}$  &  
 $\color{blue}{10^1}$  &  $\color{blue}{10^0}$  &  $\color{blue}{10^{-1}}$  &  $\color{blue}{10^{-2}}$  \\ \\
 $\color{blue}{}$  &  $\color{blue}{}$  &  $\color{blue}{1000}$  &  $\color{blue}{100}$  &  $\color{blue}{10}$  &  
&  $\color{blue}{1}$  &  $\color{blue}{0.1}$  &  $\color{blue}{0.01}$  \\ \\  $\color{blue}{\text{numerals:}}$   
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