

# calc\_decimal\_example

## Student Group

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$\$1.\!\!\!\!\!\quad$  Calculation example for decimal value

|             |                        |                  |                 |                |               |                    |                     |
|-------------|------------------------|------------------|-----------------|----------------|---------------|--------------------|---------------------|
| value       |                        | 2                | 6               | 5              | 8             | 4                  | 7                   |
| index       | $i$                    | 3                | 2               | 1              | 0             | -1                 | -2                  |
| place value | $B^i$                  | $10^3$<br>\$1000 | $10^2$<br>\$100 | $10^1$<br>\$10 | $10^0$<br>\$1 | $10^{-1}$<br>\$0.1 | $10^{-2}$<br>\$0.01 |
| digit       | $z_i$                  | 2                | 6               | 5              | 8             | 4                  | 7                   |
| calculation | $z_i \cdot B^i$        | 2000             | 600             | 50             | 8             | 0.4                | 0.07                |
| Result      | $\sum_i z_i \cdot B^i$ | 2658,47          |                 |                |               |                    |                     |

[illegible]

## \$II.\quad\$ Betrachtung der Spannungsverstärkung

[illegible]

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