

calc_logic_example

Student Group

First Name	Surname	Matrikel Nr.

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```
\color{white}{\overline{ab}} \\ \quad\quad\quad\quad\quad\quad & \\ \quad\quad\quad\quad\quad\quad\quad\quad\quad\quad \\ \end{array} \end{align*}
```

3. $\color{blue}{\text{Idempotence}}$

```
\begin{align*} \begin{array}{l} (a \quad + (b \cdot (a + c))) & \color{white}{\overline{ab}} \\ \quad\quad\quad\quad\quad\quad\quad\quad & \quad\quad\quad\quad\quad\quad\quad\quad \\ \end{array} \end{align*}
```

4. $\color{blue}{\text{Distributive Law}}$

```
\begin{align*} \begin{array}{l} (a \quad + (\color{blue}{b \cdot (a + c)})) & & \\ \color{white}{\overline{ab}} \\ \quad\quad\quad\quad\quad\quad\quad\quad & & \\ \end{array} \end{align*}
```

4. $\color{blue}{\text{Distributive Law}}$

```
\begin{align*} \begin{array}{l} (a \quad + ((b \cdot a) + (b \cdot c))) & & \\ \color{white}{\overline{ab}} \\ \quad\quad\quad\quad\quad\quad\quad\quad & & \\ \end{array} \end{align*}
```

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