

# calc\_logic\_example

## Student Group

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2.  $\color{blue}{\text{Commutative Law}}$

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

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