The equations

The system

$$a_i + b_j = 10$$
 (1)
 $c_j + d_j + a_i >= 30$ (2)

The equations

The system

$$a_i + b_j = 10 \tag{1}$$

$$\varepsilon_j + d_j + \boxed{a_i} > = 30 \tag{2}$$

The equations

The system

$$(a_i) + b_j = 10 \tag{1}$$

$$\begin{array}{c}
 a_i + b_j = 10 \\
 c_j + d_j + a_i >= 30
\end{array}$$
(1)

$$\frac{x^2}{y} = \frac{100}{27}$$

$$\sum_{i}^{x} \alpha + \int_{i}^{x} x$$
(3)

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$$\sum_{i}^{x} \alpha + \int_{i}^{x} x \tag{3}$$

The code

```
\documentclass { beamer }
\usepackage { amsmath, amssymb }
\usepackage[beamer]{htikz}
\usetheme{Singapore}
\begin { document }
\begin{frame}{The equations}
\begin{block}{The system}
\begin{align}
\tikzmarkin < 1 -> {a1}a_i \tikzmarkend {a1} + b_i = 10 \
tikzmarkin < 3 > \{c\}c_j + d_j + tikzmarkin < 2 > \{b\}a_i \setminus tikzmarkend \{b\} >= 30 \setminus tikzmarkend \{c\}
\end{align}
\end{block}
\end{frame}
\begin{frame}{Other equations}
\ensuremath{\ } \ exttikzmarkin <2>{x}\\ dfrac{100}{27}\\ exttikzmarkend{x}\\]
\begin { equation }
\end{equation}
\end{frame}
```