The equations

The system

$$a_i + b_j = 10 \quad (1)$$

$$c_j + d_j + a_i >= 30 \quad (2)$$

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Other equations

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

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

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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_j = 10 \\
\tikzmarkin<3>{c}c_j + d_j + \tikzmarkin<2>{b}a_i\tikzmarkend{b} >= 30\tikzmarkend{c}
\end{align}
\end{block}
\end{frame}

\begin{frame}{Other equations}
\[\exttikzmarkin<1->{a}\dfrac{x^2}{y}\exttikzmarkend{a}=
\exttikzmarkin<2>{x}\dfrac{100}{27}\exttikzmarkend{x}\]

\begin{equation}
\exttikzmarkin<4>{t} \sum_i^x{\alpha}\exttikzmarkend{t}+\int_i^x{x}
\end{equation}
\end{frame}
```