

Maths on graphs

In cases of the graphs on numeric metrics are not enough, the functional **Maths on graphs** can be used. For instance, it can be used for plotting a graph of:

- the total CPU load of several hosts, e.g. the main and the backup;
- the ratio of successful transactions to their total number;
- the revenue difference in two stores;

and more.

Creating a graph based on mathematical operations is similar to [adding a new graph](#). It is sufficient to select the necessary metrics from the list, use mathematical operations, braces and constants.

Example:

Object: Memory (ID:5f9c2f86d7a021012c157992) /Staging/Ping/Routers/Memory ×

Values: MEM.bytesTotal MEM.bytesUsed MEM.bytesAvailable MEM.percentUsed SWAP.bytesTotal SWAP.bytesUsed
SWAP.bytesAvailable SWAP.percentUsed TOTAL.bytesTotal TOTAL.bytesUsed TOTAL.bytesAvailable TOTAL.percentUsed

Formula: ? + ×

+ Add graph

The same [operations](#), [operators](#) and [functions](#) as in [State change conditions](#) are available here.