

Built-in Math

Magic Model Analyst comes loaded with a built-in Math Solver. As a default Parametric Evaluator, Math Solver can solve simple mathematical and logical expressions. You can use it to evaluate as follows

- Mathematical and logical expressions defined in the Constraints of Constraint Blocks for Parametric Simulation on a SysML Parametric diagram.
- Mathematical and logical expressions in Simulation Console.

See also:

- [Evaluating strings from command input](#)
- [Variables](#)
- [Values](#)
- [Constants](#)
- [Operators](#)
- [Functions](#)

Related pages

- [Specifying the language for the expression](#)
- [Value binding](#)
- [Evaluating expressions](#)
- [Evaluation with causality](#)
- [Dynamic constraint](#)
- [Manual value updates using the Parametric Evaluator](#)
- [Communicating with evaluators through simulation console](#)
- [Exchanging values between Magic Model Analyst and Parametric Evaluator](#)
- [Integration with external Evaluators](#)
- [Trade study with Magic Model Analyst](#)
- [Sample project](#)