Real

Real is the head used for real (floating-point) numbers.

Real can be used to stand for a real number in a pattern. • You can enter a floating point number of any length. • You can enter a number in scientific notation by explicitly giving the form mantissa \text{10}^{\text{exponent}}. • You can enter a floating point number in base \(b\) using \(b\text{\#digits}\). The base must be less than 36. The letters are used in sequence to standard for digits 10 through 35. • Real is also used to indicate an approximate real number in Read. • See page 325. • See also: BaseForm, Number.