Predicate truth set definition

Definition : The t	t ruth set of a p	redicate is the	collection of	of all e	elements	in its	domain	where t	the p	redicate
evaluates to T .										

Notice that specifying the domain and the truth set is sufficient for defining a predicate.

Predicate truth set example

The truth set for the predicate $V(x)$ is	·
The truth set for the predicate $N(x)$ is	:
The truth set for the predicate $Mystery(x)$ is	