Predicate truth set definition

Definition:	The truth	${f set}$ of a	predicate	is the	collection	of all	elements	in its	domain	where	the	predicate
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	