0.0.1 Timeunit To Number of Seconds

The operation *toSeconds* will return the number of seconds corresponding to the input *Timeunit*

$$Timeunit ::= second \mid minute \mid hour \mid day \mid week \mid month \mid year$$

such that the following schema defines *toSeconds*

$$
\begin{array}{l}
\hline
\quad ToSeconds[Timeunit] \underline{\hspace{6cm}} \\
\quad t? : Timeunit \\
\quad toSeconds\_ : Timeunit \nrightarrow \mathbb{N} \\
\hline
\quad toSeconds(t?) = 1 \iff t? = second \\
\quad toSeconds(t?) = 60 \iff t? = minute \\
\quad toSeconds(t?) = 3600 \iff t? = hour \\
\quad toSeconds(t?) = 86400 \iff t? = day \\
\quad toSeconds(t?) = 604800 \iff t? = week \\
\quad toSeconds(t?) = 2629743 \iff t? = month \\
\quad toSeconds(t?) = 31556926 \iff t? = year \\
\hline
\end{array}
$$