$$
\begin{array}{rcl}
 & & \text{-- } \textbf{Primitive constructors of map expressions:} \\
\boldsymbol{\iota} & =: & \boldsymbol{\iota} \\
 & & \text{-- diagonal map} \\
\overline{P} & =: & \overline{P} \\
 & & \text{-- Boolean complementation} \\
P^{\smile} & =: & P^{\smile} \\
 & & \text{-- Peircean operation of forming the converse} \\
P \cup Q & =: & P \cup Q \\
 & & \text{-- Boolean join} \\
P \circ Q & =: & P \circ Q \\
 & & \text{-- Peircean map-composition} \\
 & & \text{-- } \textbf{Secondary constructors of map expressions:} \\
\boldsymbol{\delta} & =: & \overline{\boldsymbol{\iota}} \\
 & & \text{-- difference map} \\
1 & =: & \boldsymbol{\iota} \cup \boldsymbol{\delta} \\
 & & \text{-- top} \\
0 & =: & \overline{1} \\
 & & \text{-- bottom} \\
P \cap Q & =: & \overline{\overline{P} \cup \overline{Q}} \\
 & & \text{-- Boolean meet} \\
 & & \text{-- } \textbf{Further Boolean operators:} \\
P - Q & =: & P \cap \overline{Q} \\
 & & \text{-- map difference} \\
P \triangle Q & =: & \overline{P \cup \overline{Q}} \cup \overline{Q \cup \overline{P}} \\
 & & \text{-- symmetric map difference}
\end{array}
$$