$$
\begin{array}{ccccc}
{}^{A}\!\triangle 2 & \xleftarrow{\;A\cap\;} & {}^{\hbar}\!\triangle 2 & \sqsupset & {}^{\hbar\llcorner A}\!\triangle 2 \\[2ex]
2 = {}^{\hbar}\!\triangle 2 & \xleftarrow{\;\hbar\cap\,=\,\chi_{\hbar}\;} & {}^{\hbar}\!\triangle 2 & \sqsupset & {}^{\hbar\llcorner\hbar}\!\triangle 2
\end{array}
$$