map_is_cons[11,40]

$\forall A$, B:Type, f:$(A{\rightarrow}B)$, L:$(A$ List$)$, L_2:$(B$ List$)$, b:B.
$(\mathrm{map}(f;L) = [b \ / \ L_2]) \Rightarrow \{f(\mathrm{hd}(L)) = b \ \& \ \mathrm{map}(f;\mathrm{tl}(L)) = L_2\}$