Translate the following English sentences into the language of Predicate Logic (PPL) using the following properties (predicates) and constants. **You must write the proper English restatement just as in the class notes before giving the symbolization.**

\[
\begin{align*}
Px &= x \text{ is a person} & Gx &= x \text{ is a gardener} \\
Ox &= x \text{ is old} & Sx &= x \text{ is sick} \\
Nx &= x \text{ needs help} & t &= \text{Theresa} \\
Rx &= x \text{ is retired} & Fx &= x \text{ is a fisherman}
\end{align*}
\]

1. “Everyone needs help.”

2. “Theresa is a retired gardener.”

3. “Any retired person who isn’t a fisherman is a gardener.”

4. “Every retiree is old, and Theresa is a retiree.”

5. “No one is sick.”

6. “Anyone who is old or retired needs help.”

7. “Not everyone who needs help is old.”

8. “Either all gardeners are not retired or Theresa is a gardener.”

9. “Every old person doesn’t get sick.”

10. “All sick people are old, retired, and don’t need help.”