1. Write the symbolic expression of \((\forall x \ P(x) \to Q(x)) \lor (\exists x \ \neg P(x))\) in words using

\[ P(x): \text{x is a football player}; \]
\[ Q(x): \text{x can run fast}. \]

**Solution:** Every football player runs fast, or there is a person who is not a football player.