1. Write and solve an equation to find $m\angle PQT$.

\[ 90^\circ + x = 90 \]
\[ 90^\circ + 37^\circ = x = 127^\circ \]

\[ 90 - 53 = 37^\circ \]

2. Write and solve an equation to find the measure of the complement of $\angle TQR$.

\[ x + 53^\circ = 90 \]
\[ x = 37^\circ \]

\[ m\angle TQR = 53^\circ \]