We have a total of 7 unknowns. 3 in state 1, 3 in state 2, and n, the polytropic process exponent.
If given any 5 out of these 7, then the remaining 2 can be found.
For example, if we know $T_1$, $P_1$, $V_1$, n, $P_2$, then we can find $V_2$, and $T_2$.