64. Step up:

- We use T_1T_2 as primary and T_1T_3 as secondary coil: $V_{13}/V_{12} = (800 + 200)/200 = 5.00$.
- We use T_1T_2 as primary and T_2T_3 as secondary coil: $V_{23}/V_{13} = 800/200 = 4.00$.
- We use T_2T_3 as primary and T_1T_3 as secondary coil: $V_{13}/V_{23} = (800 + 200)/800 = 1.25$.

Step down: By exchanging the primary and secondary coils in each of the three cases above we get the following possible ratios:

- $1/5.00 = 0.200$
- $1/4.00 = 0.250$
- $1/1.25 = 0.800$