



$$\frac{Z_p}{Z_s} = \left(\frac{V_p}{V_s} \right)^2 = \frac{7500}{600} = 12.5$$

$$\frac{V_p}{V_s} = \sqrt{12.5} = 3.53$$

If you are using centre tap

Voltage is reduced 50%

So new voltage ratio is

$$\frac{3.53}{2} = 1.768$$