

P #23

Ch 12 - pg 385

$$T_H = 300^\circ\text{C} = 573\text{ K}$$

$$T_C = 20^\circ\text{C} = 293\text{ K}$$

$$e_c = \frac{T_H - T_C}{T_H}$$

$$e_c = \frac{573\text{ K} - 293\text{ K}}{573\text{ K}}$$

$$e_c = 48.9\%$$