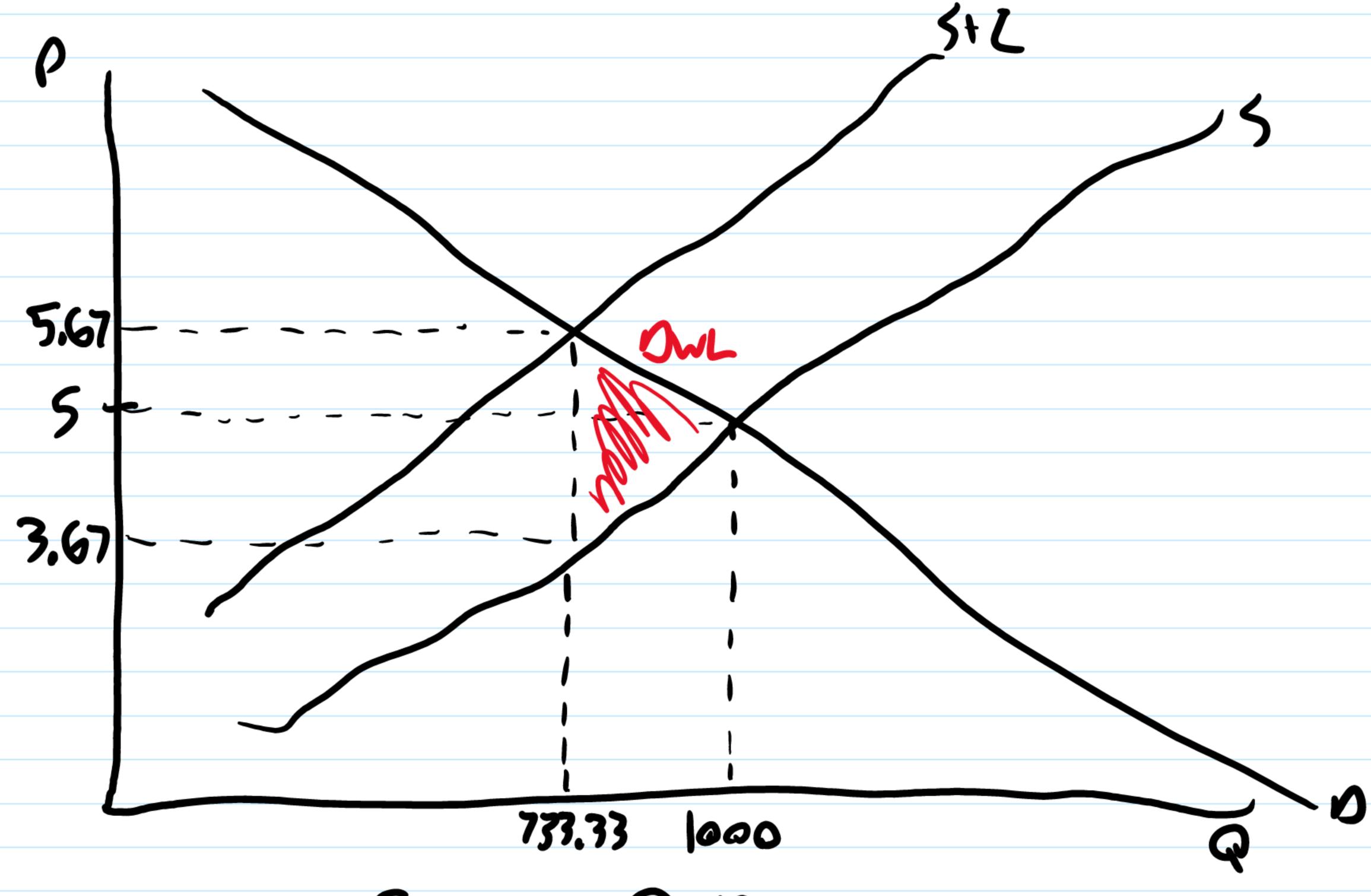
3.12 Tax Burden - Full Example

Saturday, September 5, 2020 5:51 PM



$$-2 = \frac{Q - 1000}{P^{0} - 5} \cdot \frac{5}{1000} \quad | = \frac{Q - 1000}{P^{0} - 7}$$

$$-\frac{7}{7} = \frac{1}{P^{0} - 5} = \frac{P^{0} - 7}{P^{0} - 5} \rightarrow P^{0} = \frac{17}{3} = 5.67$$

$$\frac{Q-1000}{5.67-7}$$
, $\frac{5}{1000}=1$ $\rightarrow Q=733.33$

$$\Delta CS = -(5.67-5) \cdot 733.33 + \frac{1}{5}(733.33-1900) \cdot (5.67-5)$$

$$\Delta PS = (3.67-5) \cdot 733.33 + \frac{1}{5}(7.73.33-1000) \cdot (3.67-5)$$

$$\Delta CS = 2 \cdot 733.33 = 1466.67$$

