HW 5 Taxation 1

Friday, September 11, 2020 4:41 PM

Warland W/ Alex, Austin, + River

At the current market equilibrium, price is \$17 and quantity is 50. A tax of 25% is imposed, after which the price paid by consumers including the tax is \$20 and the new equilibrium quantity is 40. Sketch a figure illustrating the equilibrium before and after the tax. Calculate tax revenue the producer burden, the consumer burden, and the excess burden. Label each. Hint: If τ is the tax rate, the price paid by consumers is $(1+\tau)$ times the price received by suppliers once the tax is remitted to the government.

