Lecture 04 Worksheet (ECON211), AY 2025-26 1. My electricity supplier's tariff has three components. First, I pay ₹1,000 every month irrespective of how much elec-

_	monthly bill if my d.	sage is 500kwn c	during daytime and	I 200kWh during t	the night.	
	ny washing machine electricity bill wou		per month) during	the day. I change	this usage to nightt	ime. P
Solve the followin	g inequality: $ x-1 $	x + x - 2 + x	$ x-3 \le 6$			

new market equilibrium pri	ce(s) and quantity. (Bonus: How much does the government	make:)
iven the following supply a	nd demand equations, solve for equilibrium price and quantit	y.
	$P = Q_s^2 + 14Q_s + 22$	
	$\begin{split} P &= Q_s^2 + 14Q_s + 22 \\ P &= -Q_d^2 - 10Q_d + 150 \end{split}$	