

3. Consider the market for minivans. For each of the events listed here, identify which of the determinants of demand or supply are affected. Also indicate whether demand or supply increases or decreases. Then draw a diagram to show the effect on the price and quantity of minivans.

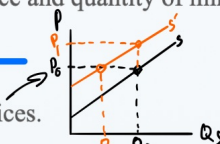
~~a. People decide to have more children.~~

b. A strike by steelworkers raises steel prices.

~~c. Engineers develop new automated machinery for the production of minivans.~~

~~d. The price of sports utility vehicles rises~~

e. A stock market crash lowers people's wealth.



#1 Answer only part (b) and (e). Follow the instruction of the question and, in addition, and describe the market mechanism that causes the change in the market equilibrium.

(b) Supply will shift down as you can see in the graph. at the same price, the seller is willing and able to sell less due to the increasing of the material price. Or at the same quantity supply Q_0 , the seller is willing and able to buy at higher price P_1 .

(e) Demand will shift down because at the same price P_0 , people would buy less at Q_1 due to the lower income.

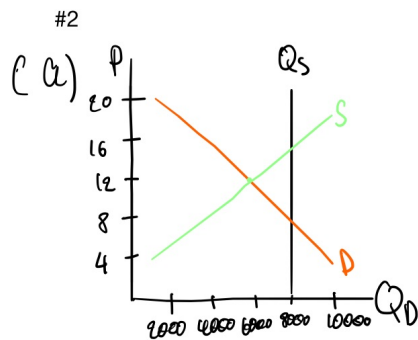
11. Suppose that the price of basketball tickets at your college is determined by market forces. Currently, the demand and supply schedules are as follows:

Price	Quantity Demanded	Quantity Supplied
\$4	10,000 tickets	8,000 tickets
8	8,000	8,000
12	6,000	8,000
16	4,000	8,000
20	2,000	8,000

- Draw the demand and supply curves. What is unusual about this supply curve? Why might this be true?
- What are the equilibrium price and quantity of tickets?
- Your college plans to increase total enrollment next year by 5,000 students. The additional students will have the following demand schedule:

Price	Quantity Demanded
\$4	4,000 tickets
8	3,000
12	2,000
16	1,000
20	0

Now add the old demand schedule and the demand schedule for the new students to calculate the new demand schedule for the entire college. What will be the new equilibrium price and quantity?



-Supply curve is unusual because supply always be 8000 tickets no matter what demand would be
 -It may be true because sometime the supply won't change because there are fixed cost.

(b) equilibrium price = 12\$, quantity = 6000 tickets
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