

8. Consider the following demand schedule for movie tickets

Price (dollars per ticket)	Quantity Demanded (tickets per day)
9	100
8	200
7	300

Suppose the price of a movie ticket falls from \$9 to \$7.

- Calculate the price elasticity of demand for movie tickets_____
 - Is demand for movie tickets elastic or inelastic?_____
 - What is the change in the total revenue from the sale of movie tickets?_____
9. When income increased by 10%, the quantity of memberships of athletic clubs increased by 15 percent, the quantity demanded of spring water increased by 5 percent, and the quantity demanded of soft drinks decreased by 2 percent. Use the information to answer the following questions:
- Is club membership a normal or an inferior good?_____
 - Is demand for club membership income elastic or income inelastic?_____
 - Is spring water a normal or an inferior good?_____
 - Is soft drink a normal or an inferior good?_____
10. The table below shows the demand and supply schedules for sandwiches. Use the table to answer the following questions:

Price (dollars per sandwich)	Q Demanded (sandwiches per hour)	Q Supplied (sandwiches per hour)
0	400	0
1	350	50
2	300	100
3	250	150
4	200	200
5	150	250
6	100	300
7	50	350
8	0	400

- What is the efficient quantity of sandwiches?_____
- What is the consumer surplus if the efficient quantity of sandwiches is produced?_____
- What is the producer surplus if the efficient quantity of sandwiches is produced?_____