Unit 2.7 Changes in Equilibrium

AP Microeconomics — 29 Questions

题库 Multiple Choice

1. 题库 Unit 2 S&D Q12

Which of the following changes in the demand for and the supply of a good will necessarily result in an increase in both the equilibrium price and quantity of the good in a market?

	Demand	Supply
(A)	Increase	Increase
(B)	Increase	No change
(C)	No change	Increase
(D)	Decrease	Increase
(E)	No change	Decrease

2. 题库 Unit 2 S&D Q18

Which of the following is most likely to occur when a competitive market adjusts from one equilibrium to another?

(A) A decrease in demand will cause the equilibrium price, equilibrium quantity, and total surplus to increase.

(B) An increase in demand will cause the equilibrium price, equilibrium quantity, and producer surplus to increase.

(C) A decrease in supply will cause the equilibrium price to decrease, the equilibrium quantity to increase, and consumer surplus to decrease.

(D) An increase in supply will cause the equilibrium price to increase, the equilibrium quantity to decrease, and producer surplus to decrease.

(E) An increase in supply will cause the equilibrium price to decrease, the equilibrium quantity to decrease, and total surplus to decrease.

3. 题库 Unit 2 S&D Q52

Assume that the market demand for a good is perfectly inelastic, the market supply for the good is perfectly elastic, and the market is in equilibrium. If there is a decrease in the price of a key input used in the production of the good, which of the following will occur?

(A) There will be a decrease in the equilibrium quantity.

(B) There will be no change in the producer surplus.

(C) There will be a decrease in the producer surplus.

(D) There will be a decrease in the consumer surplus.

(E) There will be an increase in the equilibrium price.

4. 题库 Unit 2 S&D Q63

Assume that people like onions on their hamburgers. If the supply of hamburgers decreases, the demand for onions will most likely

(A) remain unchanged because hamburgers and onions are different goods

(B) increase because hamburgers and onions are substitutes

(C) increase because hamburgers and onions are complements

(D) decrease because hamburgers and onions are complements

(E) decrease because hamburgers and onions are substitutes

5. 题库 Unit 2 S&D Q64

Which of the following describes how a market will respond when the scarcity of a good increases?

(A) Consumers will increase their demand for the good.

(B) Consumers will decrease their demand for the good.

(C) The price of the good will increase.

(D) The price of the good will decrease.

(E) Producers will increase the supply of the good.

6. 题库 Unit 2 S&D Q70

If a normal good is produced in a competitive market, which of the following combination of events could cause the price of the good to increase and the quantity to decrease?

(A) An increase in the average income of consumers and an increase in the number of producing firms
(B) An increase in the average income of consumers and an increase in the price of a variable input
(C) An increase in the price of a substitute good and an increase in the number of producing firms
(D) A decrease in the number of consumers and a decrease in the price of a variable input
(E) A decrease in the average income of consumers and a decrease in the price of a variable input

7. 题库 Unit 2 S&D Q72

If a hurricane reduced the crab population, the price of crabs and quantity sold would change in which of the following ways?

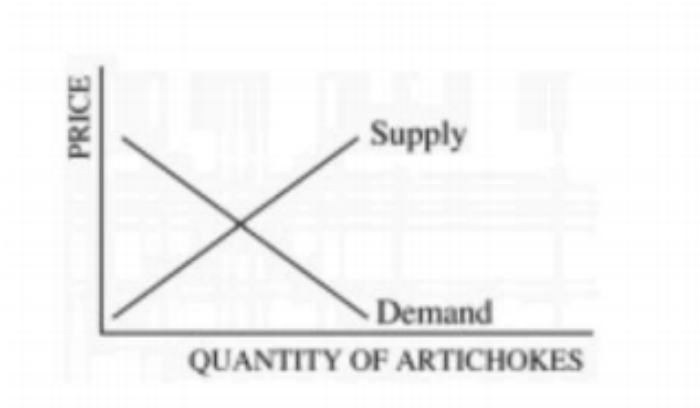
	Price	Quantity
(A)	Increase	Increase
(B)	Increase	Decrease
(C)	Decrease	Increase
(D)	Decrease	Decrease
(E)	No change	Decrease

8. 题库 Unit 2 S&D Q85

If cotton is used to produce towels, an increase in the price of cotton will result in which of the following changes in the towel market?

(A) A decrease in the demand for towels, which leads to a shortage of towels followed by upward pressure on the price of towels
(B) A decrease in the demand for towels, which leads to a surplus of towels followed by downward pressure on the price of towels
(C) A decrease in the supply of towels, which leads to a shortage of towels followed by upward pressure on the price of towels
(D) An increase in the supply of towels, which leads to a surplus of towels followed by downward pressure on the price of towels
(E) An increase in both the demand and supply of towels, which leads to a surplus of towels followed by upward pressure on the price of towels

9. 题库 Unit 2 S&D Q86



The graph above shows the supply and demand curves for artichokes. The surgeon general announces that eating an artichoke a day dramatically reduces one's likelihood of developing cancer. Simultaneously an infestation of the artichoke weevil severely damages the crop. Which of the following will definitely occur as a result?

(A) The supply of artichokes will increase.
(B) The price of artichokes will increase.
(C) The demand for artichokes will decrease.
(D) The quantity of artichokes grown will decrease.
(E) The profits of farmers who specialize in growing artichokes will decrease.

10. 题库 Unit 2 S&D Q91

Which of the following provides a possible explanation for a simultaneous increase in the equilibrium price and the quantity of blueberries in a market?

(A) An increase in the price of strawberries, a substitute
(B) An increase in the supply of strawberries, a substitute
(C) An increase in the price of farmland used to grow blueberries
(D) A decrease in the price of blueberry harvesting equipment
(E) Imposition of a price floor in the market for blueberries

11. 题库 Unit 2 S&D Q97

The market for goldfish is perfectly competitive. From year 1 to year 2, both the price and the quantity of goldfish sold increase. This is most likely caused by

(A) an increase in the supply
(B) a decrease in the supply
(C) an increase in the demand
(D) a decrease in the demand
(E) a decrease in both the demand and the supply

12. 题库 Unit 2 S&D Q107

Assuming a downward-sloping demand curve and an upward-sloping supply curve, which of the following will occur as a result of an increase in the sales tax on a good?

(A) Supply will increase.
(B) Demand will increase.
(C) Quantity supplied will increase.
(D) Quantity demanded will decrease.
(E) The price paid by consumers will decrease.

13. 题库 Unit 2 S&D Q115

Assume that the market for lemonade is perfectly competitive and currently in equilibrium. Lemons are key ingredients in lemonade. If the price of lemons decreases, how will the lemonade market be affected?

(A) Supply will shift leftward, increasing the equilibrium price and decreasing the equilibrium quantity of lemonade.
(B) Supply will shift rightward, increasing the equilibrium price and increasing the equilibrium quantity of lemonade.
(C) Supply will shift rightward, decreasing the equilibrium price and increasing the equilibrium quantity of lemonade.
(D) Demand will shift leftward, decreasing the equilibrium price and decreasing the equilibrium quantity of lemonade.
(E) Demand will shift rightward, increasing the equilibrium price and increasing the equilibrium quantity of lemonade.

14. 题库 Unit 2 S&D Q122

Assume the market for a good is in equilibrium. An increase in the market supply of the good will result in

(A) a shortage at the original price of the good, which causes the market price to decrease
(B) a shortage at the original price of the good, which causes the market price to increase
(C) a surplus at the original price of the good, which causes the market price to decrease
(D) a surplus at the original price of the good, which causes the market price to increase
(E) neither a surplus nor a shortage

15. 题库 Unit 2 S&D Q132

Which of the following would most likely result in a decrease in the equilibrium price of oranges?

(A) The weather during this orange-growing season is not as good as it was last year.
(B) The price of apples, a substitute for oranges, is higher this year than last year.
(C) New studies suggest that oranges contain traces of cancer-causing substances due to pesticide residue.
(D) A tree-killing fungus spreads through orange orchards across the country.
(E) Firms in the orange industry launch an effective advertising campaign.

16. 题库 Unit 2 S&D Q135

Which of the following events will cause the demand curve for hamburgers to shift to the right?

(A) An increase in the price of pizza, a substitute for hamburgers

(B) An increase in the price of french fries, a complement to hamburgers

(C) An increase in the price of hamburgers

(D) A decrease in the price of hamburgers

(E) A decrease in the cost of producing hamburgers

17. 题库 Unit 2 S&D Q167

Assume that popcorn and movie attendance are complements and that Salty Concession grows corn suitable for popping. Mr. Concession will most likely sell a greater quantity of popping corn at a higher price if which of the following occurs?

(A) The wages of farm workers and movie theater employees increase.

(B) A technological improvement results in less expensive and more efficient harvesting of corn.

(C) The introduction of new fat-free potato chips provides new competition in the snack-food market.

(D) The release of three summer movies sets records for movie attendance.

(E) New government regulations force movie theaters to hire more security guards at each theater.

18. 题库 Unit 2 S&D Q170

Which of the following will most likely happen in the market for good X if the price of good X decreases?

(A) The supply of good X will decrease.

(B) The demand for good X will increase.

(C) The quantity demanded for good X will increase.

(D) The demand will decrease and the supply will increase.

(E) The quantity supplied for good X will increase.

19. 题库 Unit 2 S&D Q5

Assume that demand for bottled water is relatively price elastic. An increase in supply of bottled water will result in which of the following?

(A) A decrease in price, leading to an increase in total revenue

(B) A decrease in price, leading to a decrease in total revenue

(C) An excess supply of bottled water

(D) An excess demand for bottled water

(E) A relatively small decrease in price and no change in equilibrium quantity

20. 题库 Unit 2 S&D Q20

What will happen to the price and quantity of footballs as a result of an increase in the price of leather used to make footballs?

(A) Price will increase, and quantity will increase.

(B) Price will increase, and quantity will decrease.

(C) Price will decrease, and quantity will increase.

(D) Price will decrease, and quantity will decrease.

(E) Price will not change, and quantity will not change.

21. 题库 Unit 2 S&D Q30

If growing corn becomes more profitable than growing wheat, which of the following will occur?

(A) The supply of corn will decrease.

(B) The price of wheat will decrease.

(C) The price of corn will decrease.

(D) The demand for wheat will increase.

(E) The demand for corn will increase.

22. 题库 Unit 2 S&D Q38

Assume that consumers consider popcorn and pretzels to be substitutes. A significant decrease in the supply of popcorn will affect the pretzel market by

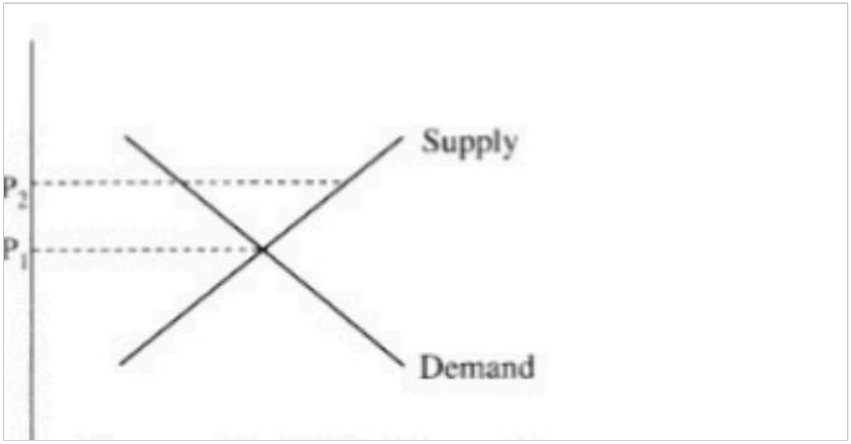
(A) increasing the demand for pretzels and therefore the supply of pretzels
(B) increasing the demand for pretzels and therefore the price of pretzels
(C) decreasing the demand for pretzels and therefore the price of pretzels
(D) increasing the supply of pretzels and therefore the price of pretzels
(E) decreasing the supply of pretzels and therefore the price of pretzels

23. 题库 Unit 2 S&D Q59

Assume that more corn is used to produce ethanol. Simultaneously, more effective control of pests and weeds occurs in farming. Which of the following will definitely occur in the corn market?

(A) The price of corn will increase.
(B) The quantity of corn will decrease.
(C) The price of corn will decrease.
(D) The quantity of corn will increase.
(E) The supply of corn will decrease.

24. 题库 Unit 2 S&D Q101



The diagram above shows the demand and supply curves for a normal good. The equilibrium price could rise from P_1 to P_2 if

(A) consumers' incomes increased
(B) P_2 were set as a legal maximum
(C) subsidies on the product increased
(D) the price of a complementary product increased
(E) costs of production were substantially lowered

25. 题库 Unit 2 S&D Q140

Assume that consumers consider potatoes to be an inferior good, but consider rice to be a normal good. An increase in consumers' incomes will most likely affect the equilibrium price and quantity of potatoes and rice in which of the following ways?

	Potatoes		Rice	
	Price	**Quantity**	**Price**	**Quantity**
(A)	Decrease	Decrease	Increase	Increase
(B)	Decrease	Increase	Increase	Decrease
(C)	Decrease	Decrease	Decrease	Decrease
(D)	Increase	Increase	Decrease	Decrease
(E)	Increase	Decrease	Increase	Decrease

26. 题库 Unit 2 S&D Q110

Assume that the demand for a certain good is perfectly inelastic and the supply curve of the good is upward sloping. Which of the following occurs in the market for the good if the price of an input used to produce the good increases?

(A) A decrease in both the quantity supplied and the equilibrium amount consumed
(B) A decrease in the quantity supplied and an increase in the equilibrium price
(C) A decrease in the supply and an increase in the equilibrium price
(D) A decrease in both the demand and the equilibrium amount consumed
(E) A decrease in both the quantity demanded and the equilibrium price

27. 题库 Unit 2 S&D Q23

An unusually cold summer has destroyed many of the bees in an area. How will this most likely affect the price and quantity in the market for honey?

	Price	Quantity
(A)	Increase	Increase
(B)	Increase	Decrease
(C)	Decrease	Increase
(D)	Decrease	Decrease
(E)	No change	Increase

28. 2022 AP Micro MCQ Q22

Which of the following will likely result in an indeterminate change in the equilibrium quantity of a competitive market?

(A) An increase in supply along a perfectly inelastic demand curve
(B) A decrease in supply along a relatively elastic demand curve
(C) A decrease in demand along a perfectly elastic supply curve
(D) An increase in demand and a decrease in supply
(E) An increase in demand and an increase in supply

29. 2025 AP Micro MCQ Q27

If the income elasticity of demand for Good X is negative, how will an increase in consumers' income affect the market for Good X?

(A) The demand curve will shift to the left, the equilibrium price will increase, and the equilibrium quantity will decrease.
(B) The demand curve will shift to the left, and both the equilibrium price and quantity will decrease.
(C) The demand curve will shift to the right, and both the equilibrium price and quantity will increase.
(D) The supply curve will shift to the right, the equilibrium price will decrease, and the equilibrium quantity will increase.
(E) The supply curve will shift to the left, the equilibrium price will increase, and the equilibrium quantity will decrease.