

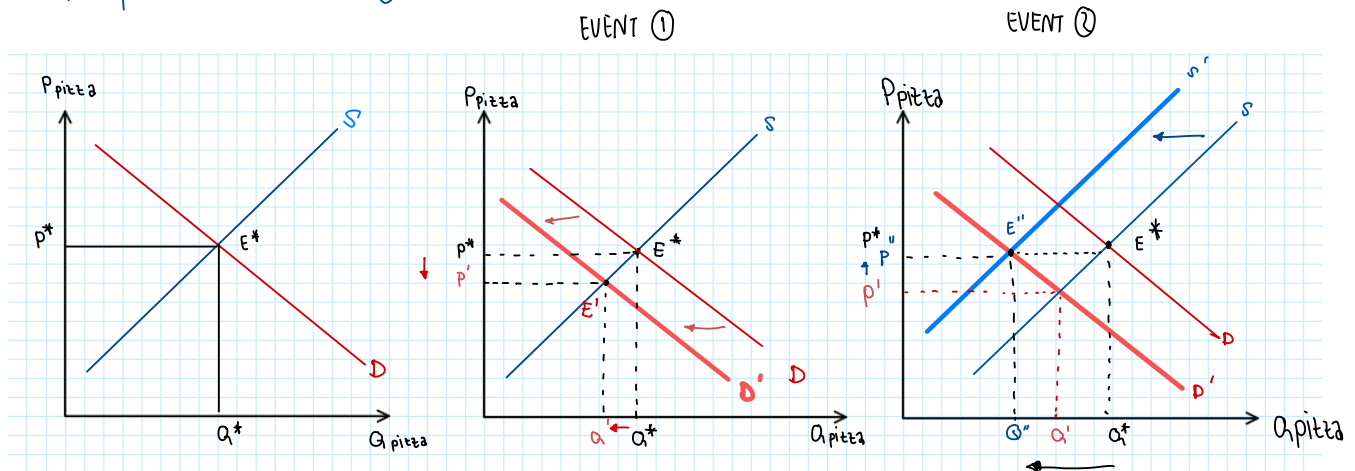
CASE 1 Decrease in Demand & Decrease in SupplyConsider Market for Pizza hut

EVENT 1 (On Demand Side)

Fakenews told that virus contaminated in pizza.

EVENT 2 (On Supply Side)

The price of dough increase.

**Full Explanation**

At equilibrium E^* , The pizza hut market sell at the price P^* and Quantity demanded Q^* .

After that, the fake news told that virus contaminated in pizza. the demand for pizza decrease from D to D'

The result of demand shift left are price of pizza decrease from P^* to P' and the Quantity demanded of pizza decrease from Q^* to Q' at equilibrium E' .

After the event 1, the price of dough increase which is the main ingredient. so, the supply decrease, the supply shift left from S to S' . The result of supply shift left are price of pizza price increase from P' to P'' and the quantity demanded of pizza decrease from Q' to Q'' at equilibrium E'' .

CASE 2 Increase in Demand & Increase in Supply

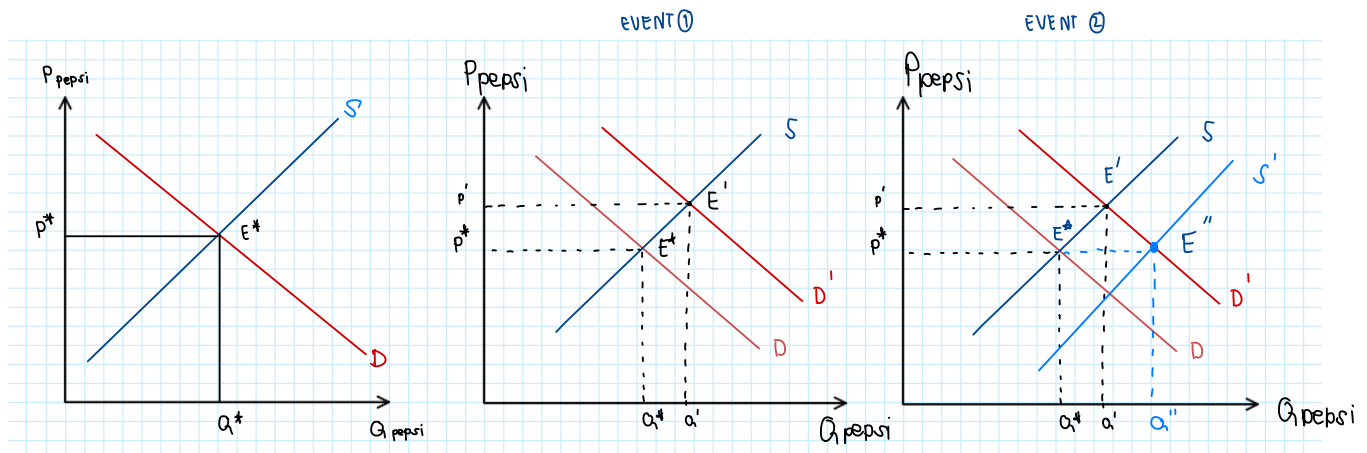
Consider Market for pepsi

EVENT 1 (On Demand Side)

coca cola which is the main cola competitor has increase its price.

EVENT 2 (On Supply Side)

this is low season of sugar cane which make price of sugar decrease.



Full Explanation!

At equilibrium E^* , The pepsi market sell at the price P^* and Quantity demanded Q^* .

After that, coca cola which is main cola competitor has increase its price. The demand for pepsi increase from D to D' .

the result of demand shift right are price of pepsi increase from P^* to P' and Quantity demanded increase from Q^* to Q' at Equilibrium E' .

After EVENT 1, this is low season of sugar cane which make price of sugar decrease. The supply for pepsi shift right from S to S' .

The result of supply shift right are price of pepsi decrease from P' to P^* and Quantity demanded increase from Q' to Q'' at equilibrium E'' .

CASE 3 Decrease in Demand & Increase in Supply

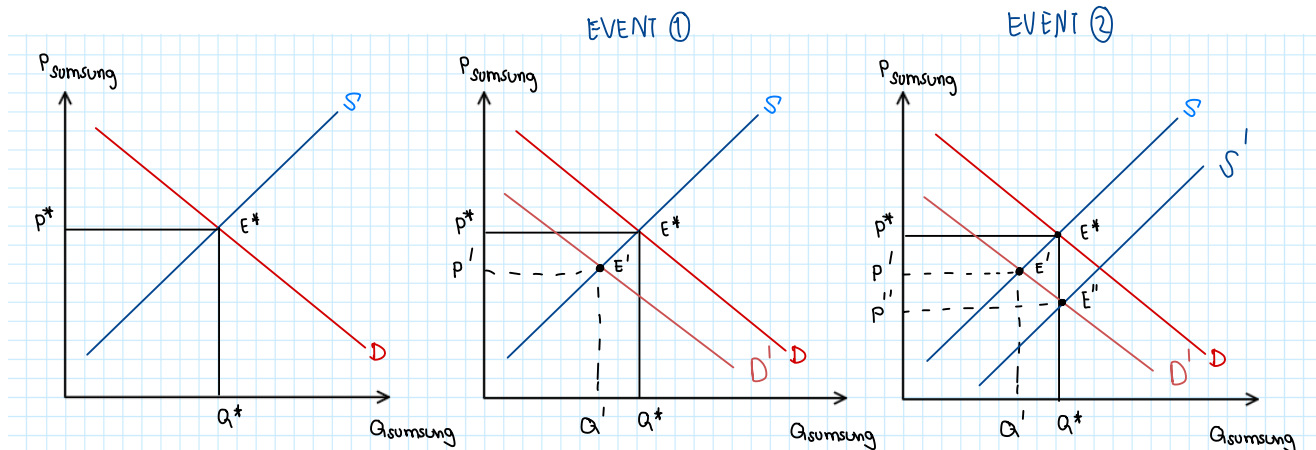
Consider Market for Samsung smartphone

EVENT 1 (On Demand Side)

After, iPhone 11 Pro decrease its price

EVENT 2 (On Supply Side)

Korean government decrease tax on smartphone.



Full Explanation

At Equilibrium E^* . The Samsung smartphone sell at price P^* and Quantity demanded Q^* .

After that, iPhone 11 Pro decrease its price. The demand for Samsung smartphone decrease from D to D' . The result of demand shift left are price of Samsung smartphone decrease from P^* to P' and quantity demanded decrease from Q^* to Q' .

After Event 1, Korean government decrease tax on Smartphone. The supply of Samsung smartphone increase from S to S' . The result of supply shift right are price decrease from P' to P'' and quantity demanded is the same at Q^* , equilibrium E'' .

CASE 4 Increase in Demand & Decrease in Supply

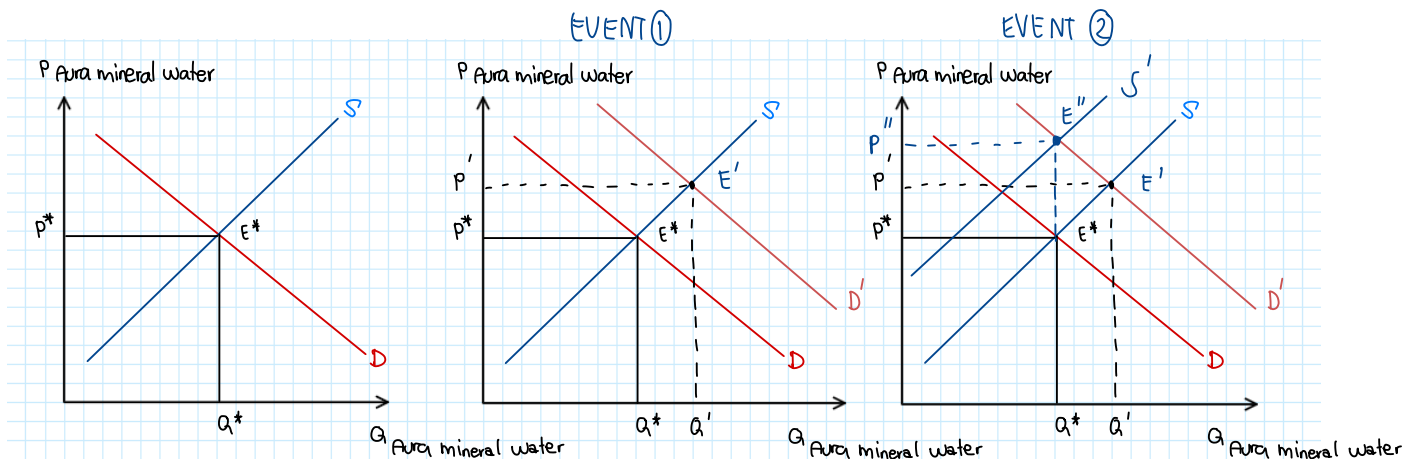
Consider Market for Aura mineral water

EVENT 1 (On Demand Side)

World discovered that mineral water make human's organ work better.

EVENT 2 (On Supply Side)

Volcano eruption so causing Mineral water storage factory destroyed



Full Explanation

At Equilibrium E^* . Aura mineral water sell at price P^* and Quantity demanded at Q^* .

After world discovered that mineral water make human's organ work better. The demand for mineral water shift to the right D to D' .

The result of demand shift right are price increase from P^* to P' and quantity demanded increase from Q^* to Q' .

After Event 1, volcano eruption so causing mineral water storage factory destroyed. The supply shift to the left from S to S' .

The result of supply shift left are price increase from P' to P'' but Quantity demanded are the same at Q^* level at equilibrium E'' .