



Price Elasticity of Demand

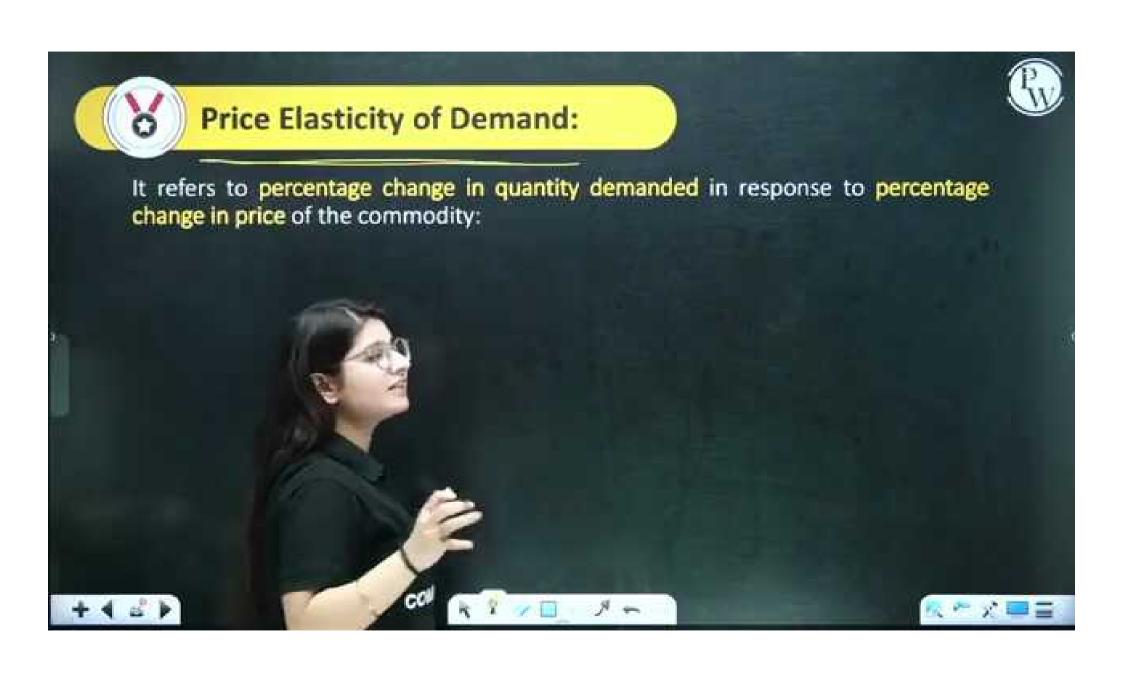
2 Degree of Elasticity of Demand

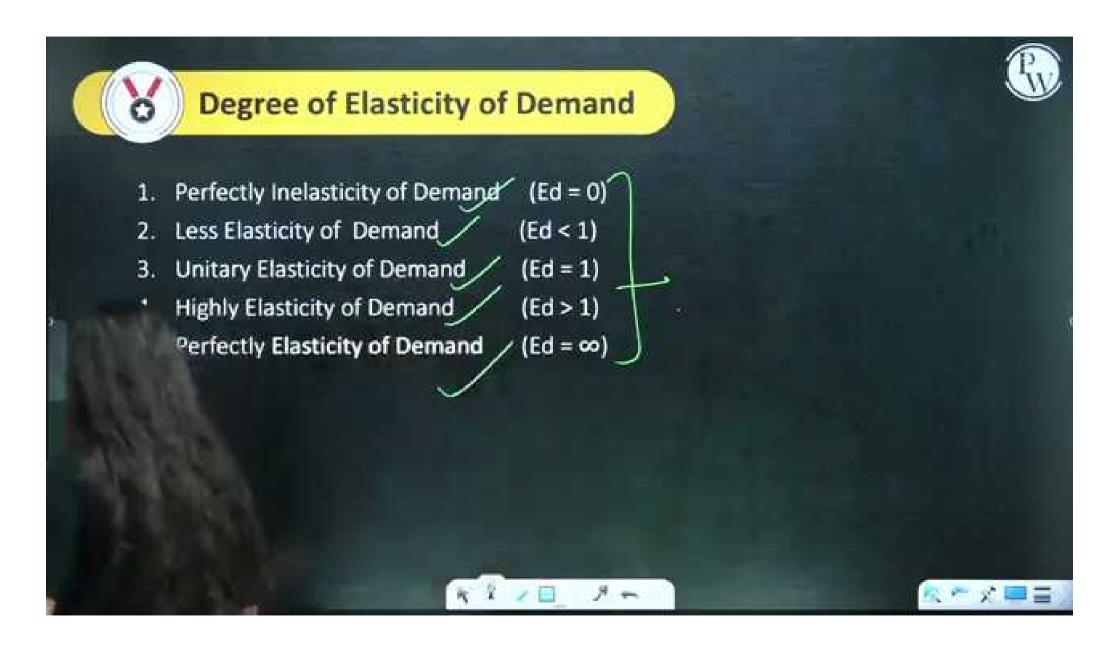
Method of Calculating Elasticity of Demand

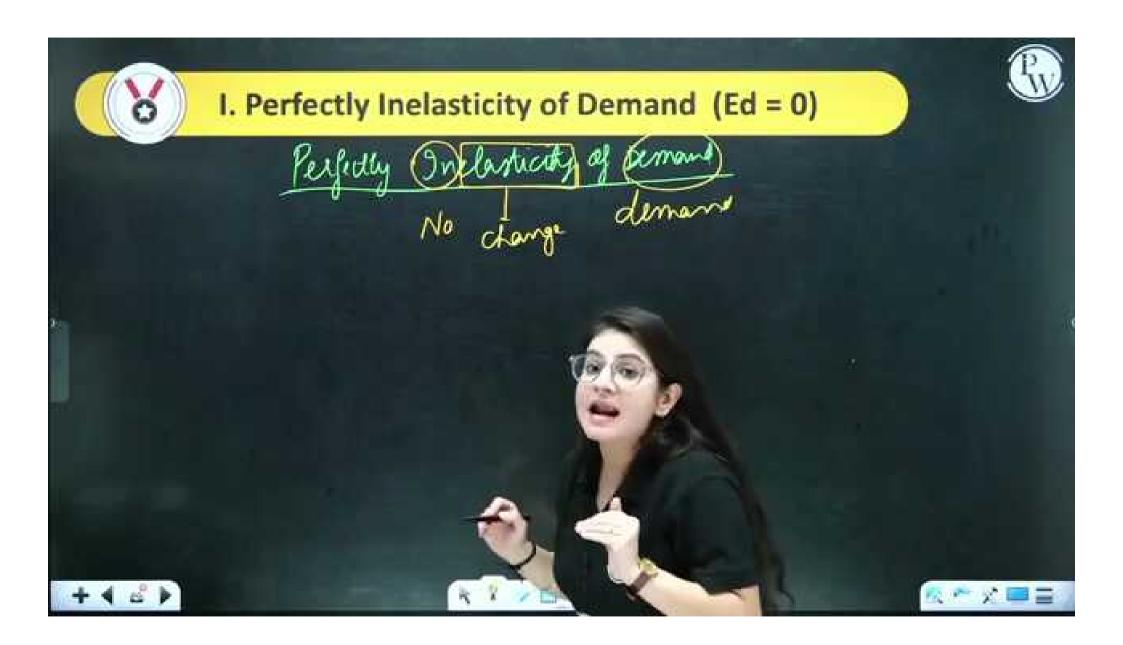
Numericals, Flatter the curve Greater the Elasticity

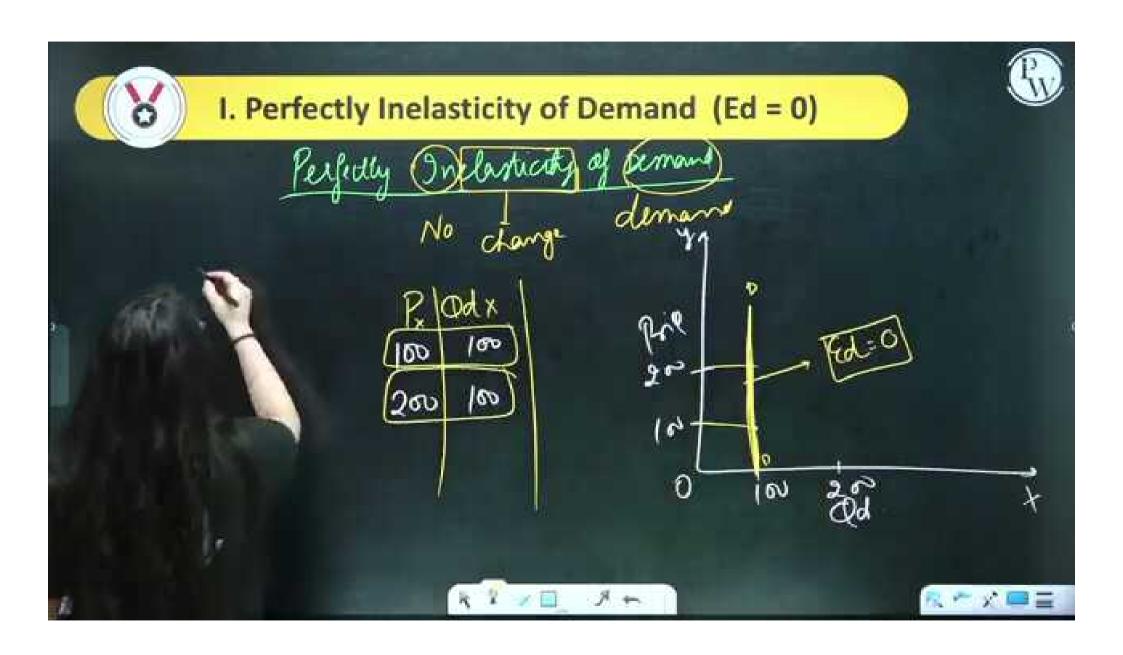
Factors affecting Elasticity of domand MCO's

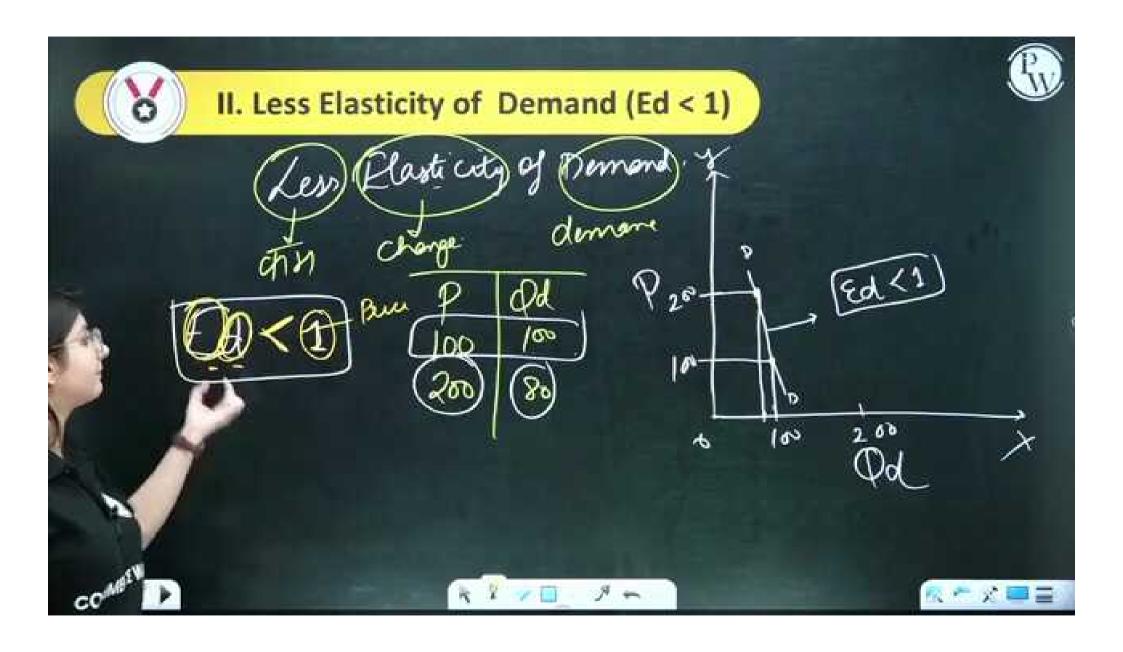


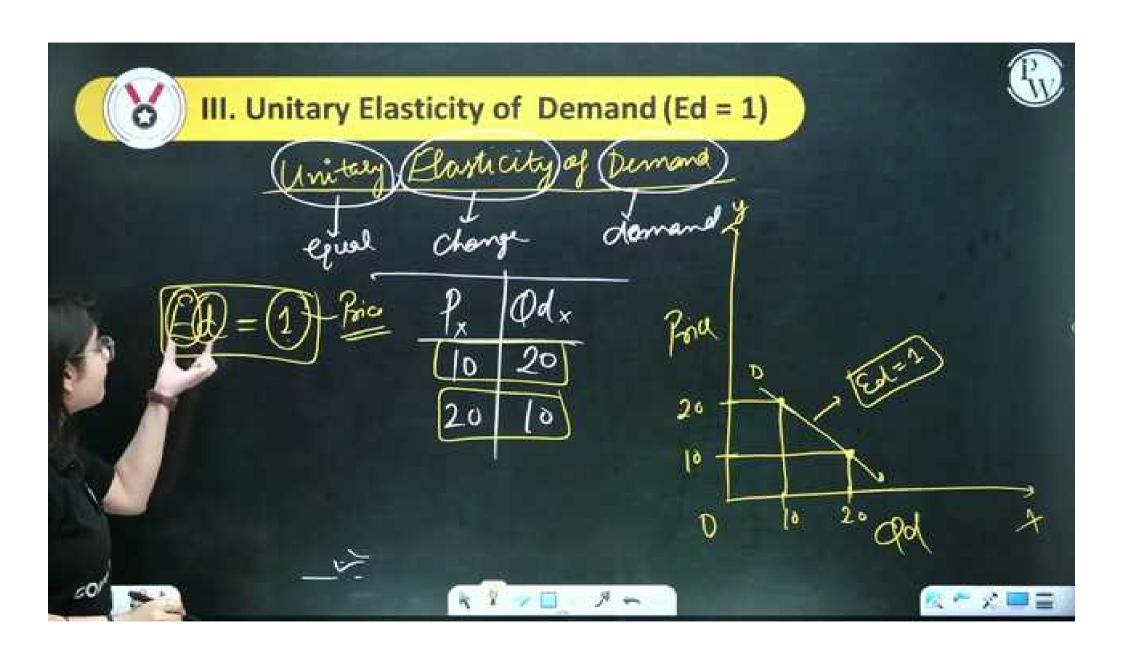


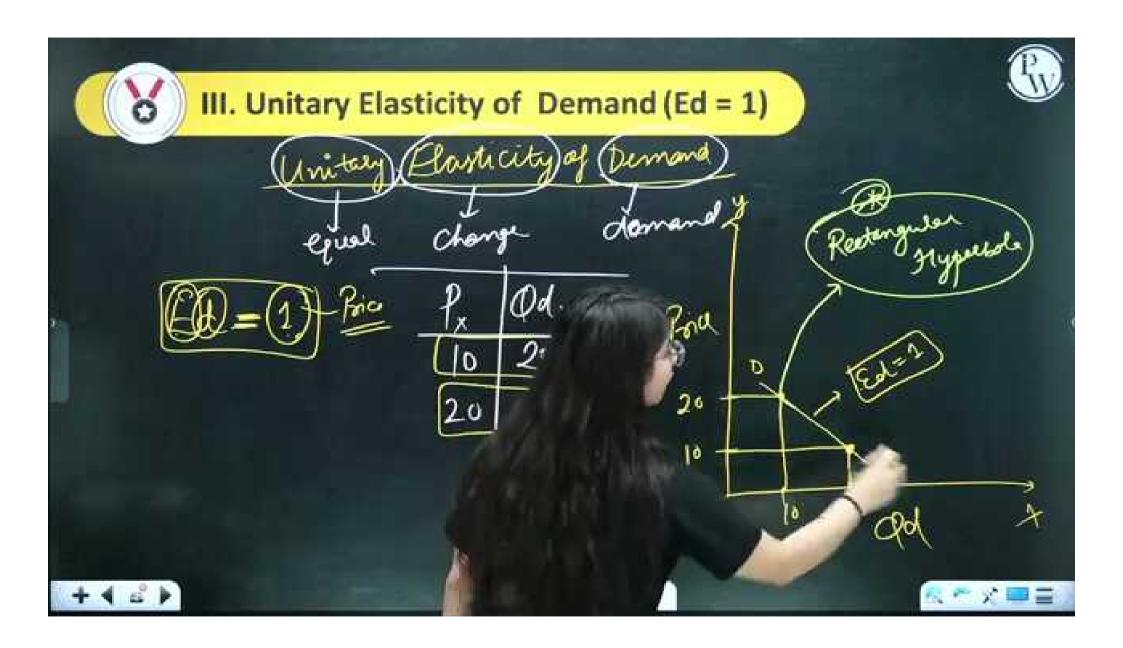


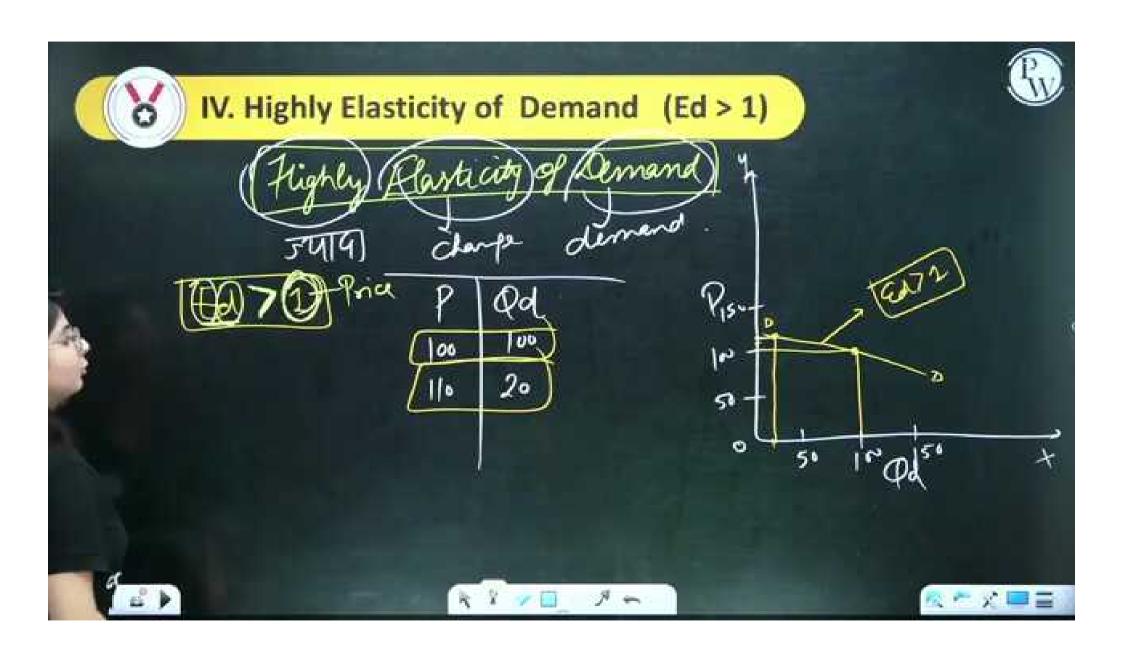


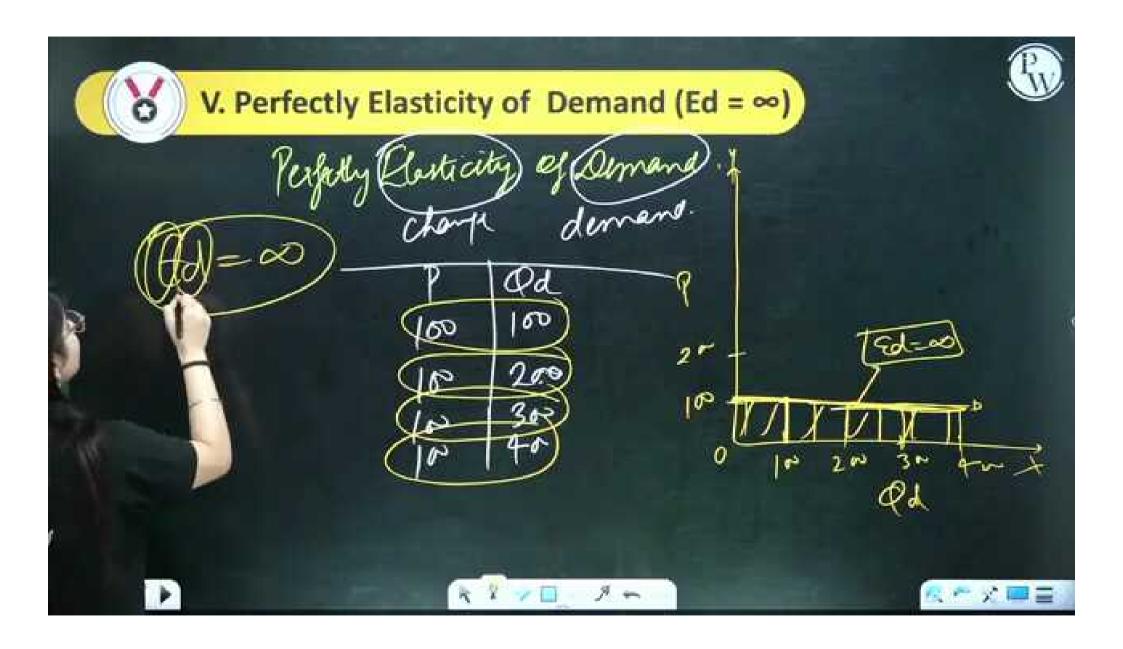


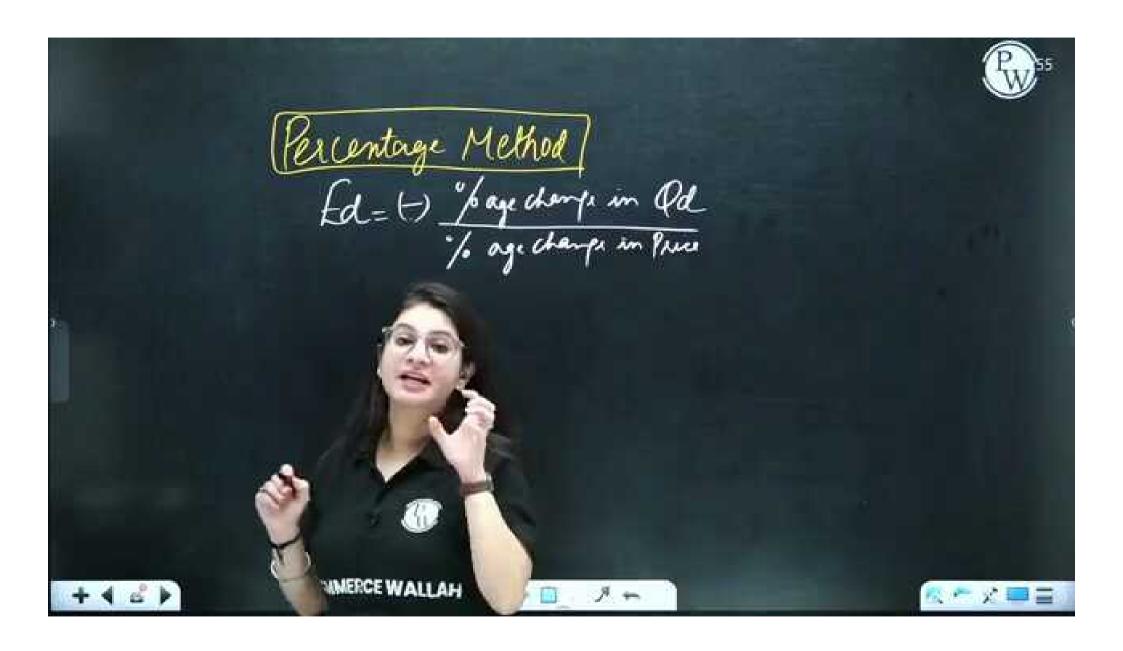












Elasticity of Demand (Ed)

Percentage Method

Proportional Method

$$Ed = (-)\frac{\Delta Q}{Q} \times \frac{P}{\Delta P}$$

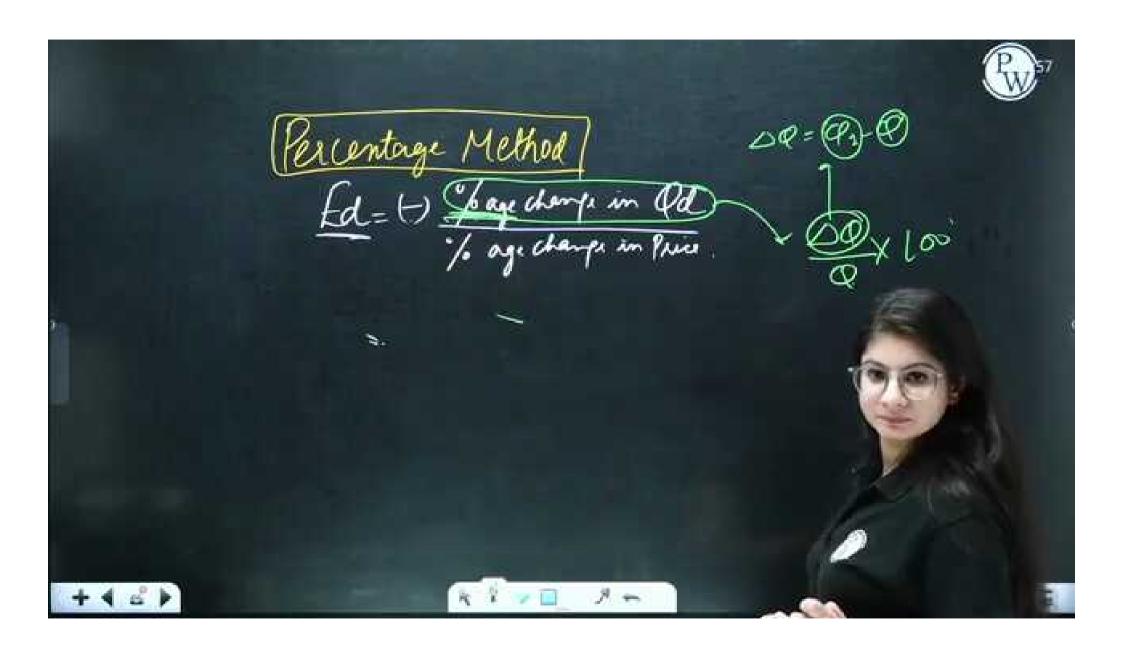
Percentage Change in Quantity Demanded

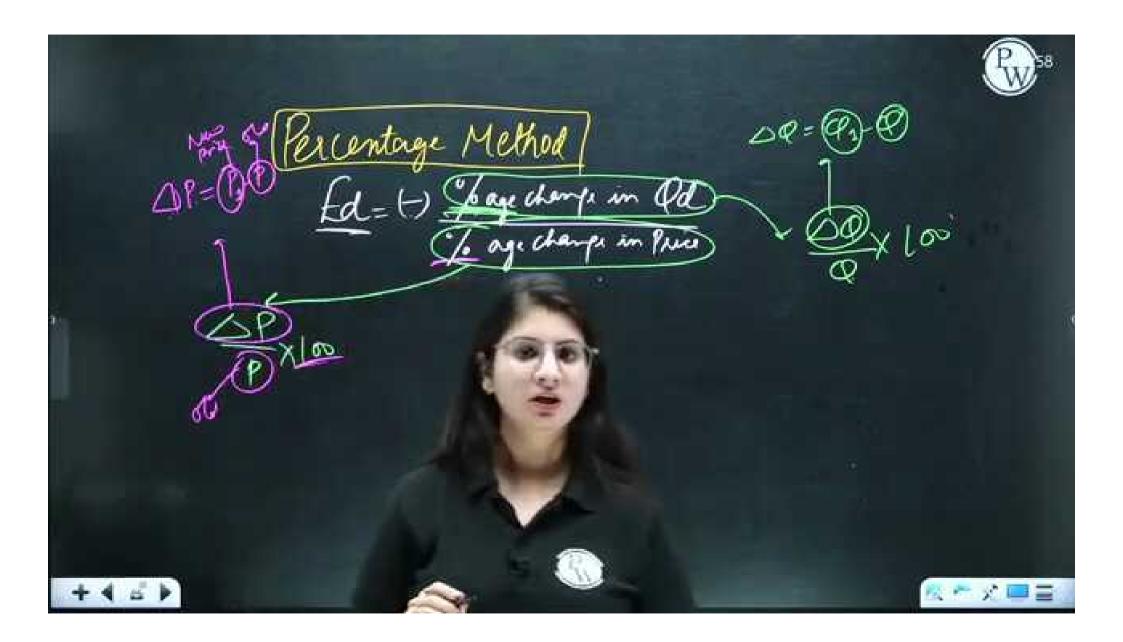
$$=\frac{\Delta Q}{Q}\times 100$$

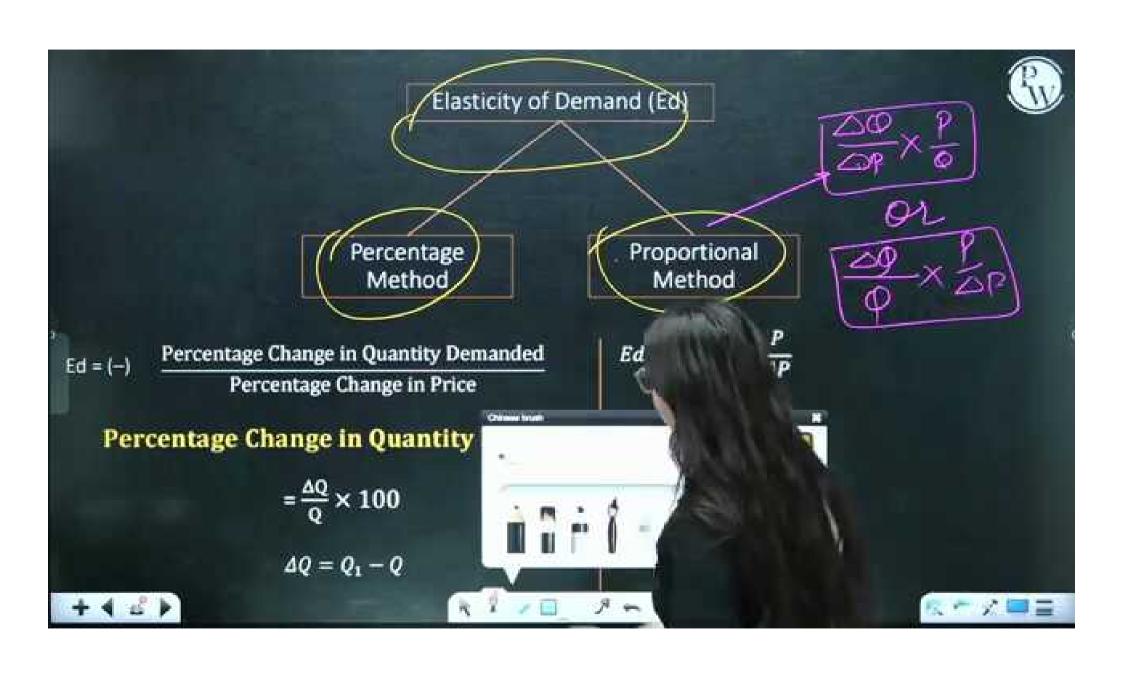
Here:
$$\Delta Q = Q_1 - Q$$
$$\Delta P = P_1 - P$$

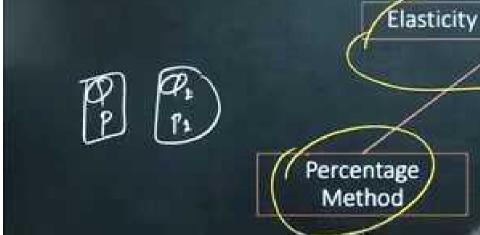
$$\Delta Q = Q_1 - Q$$

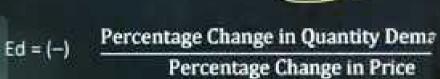








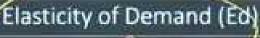


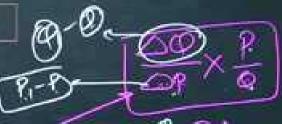


Percentage Change in Quantity Do

$$=\frac{\Delta Q}{Q} \times 100$$

$$\Delta Q = Q_1 - Q$$



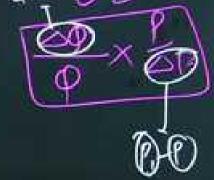


Proportional Method

$$Ed = (-)\frac{\Delta Q}{Q} \times \frac{P}{\Delta P}$$

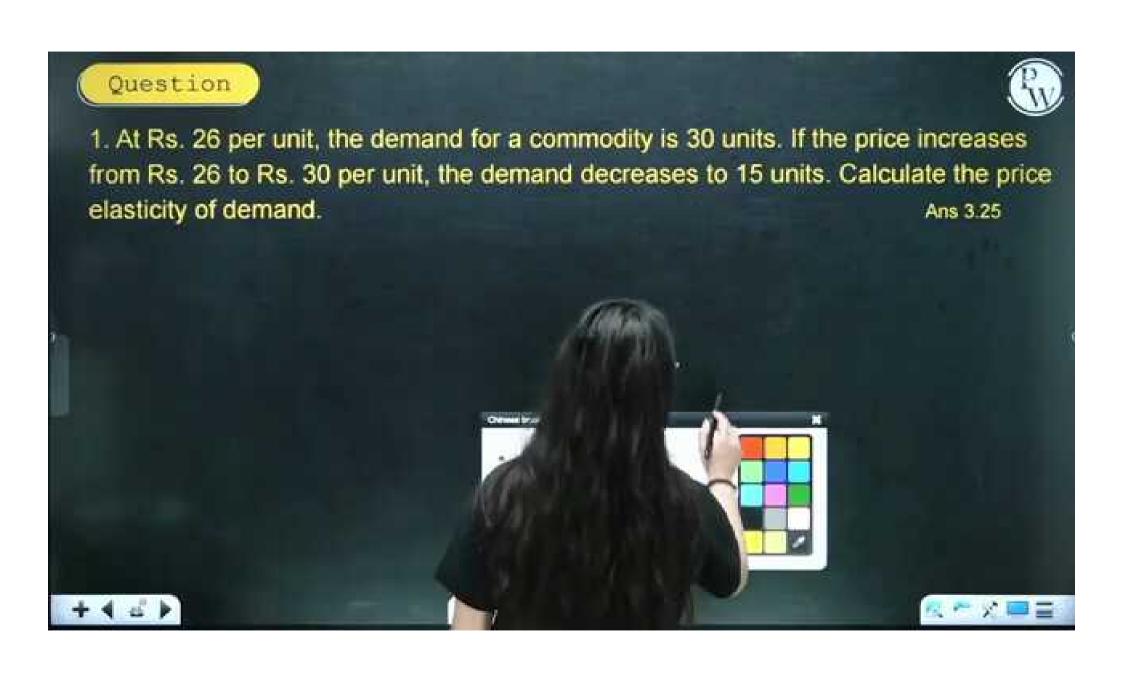


$$\frac{\Delta Q}{^{1}P} \times \frac{P}{Q}$$

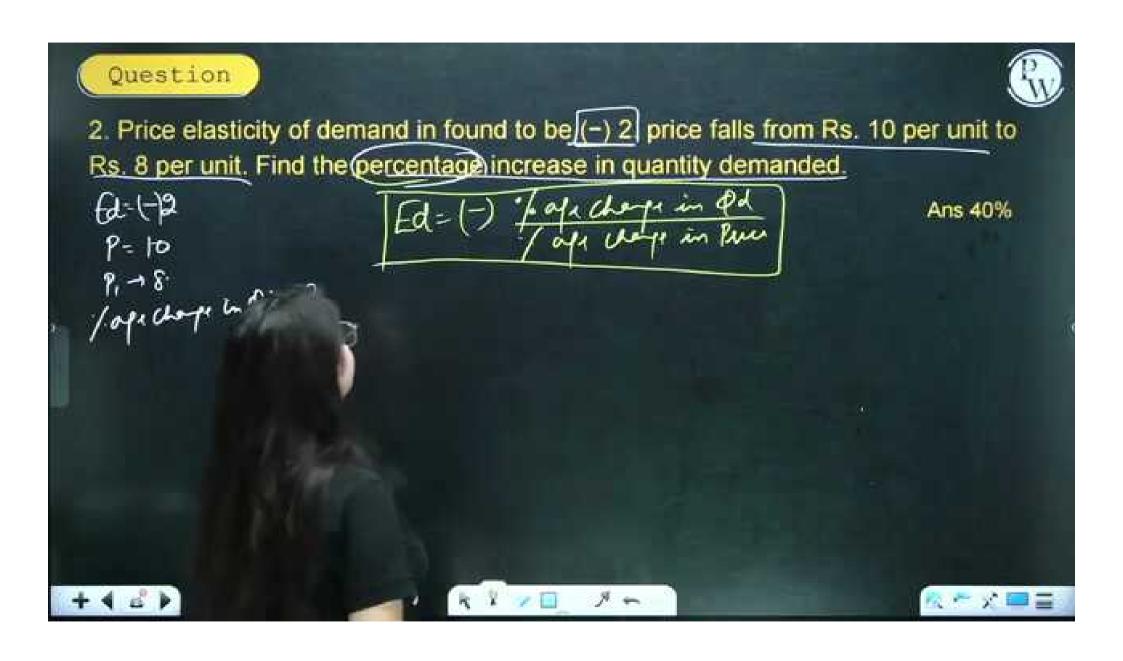


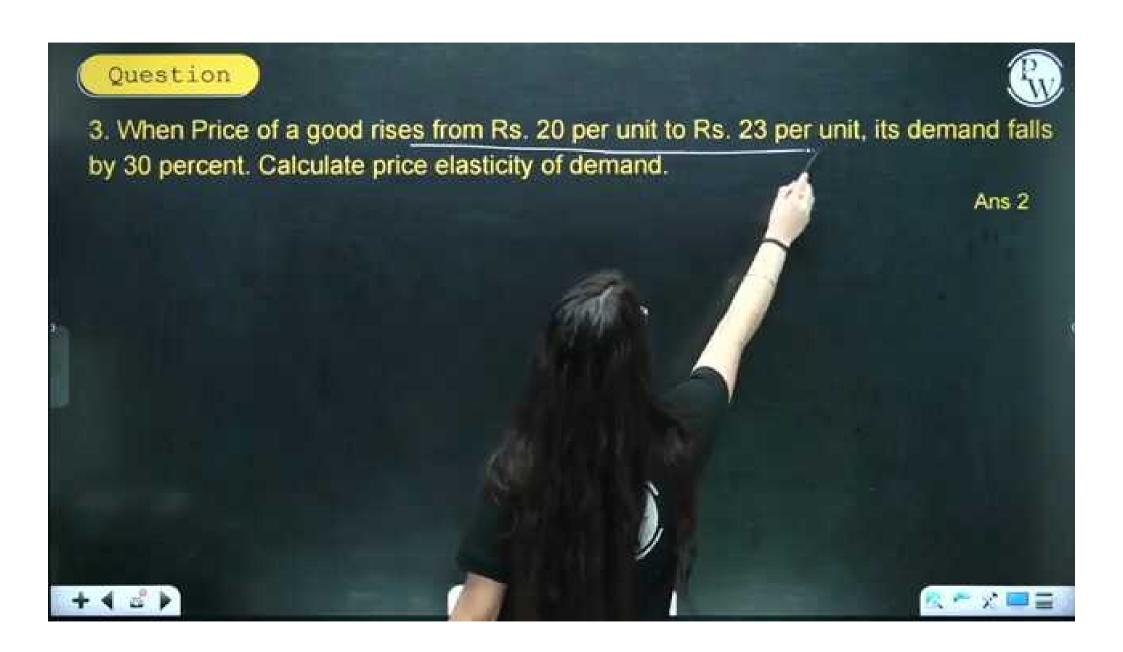


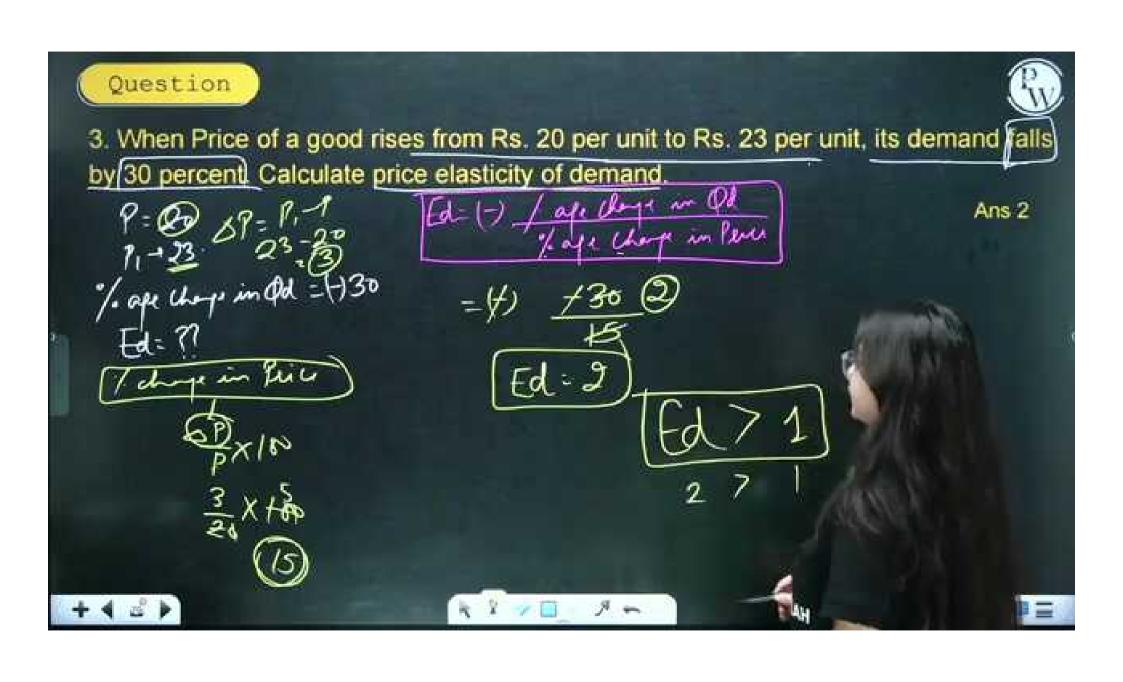


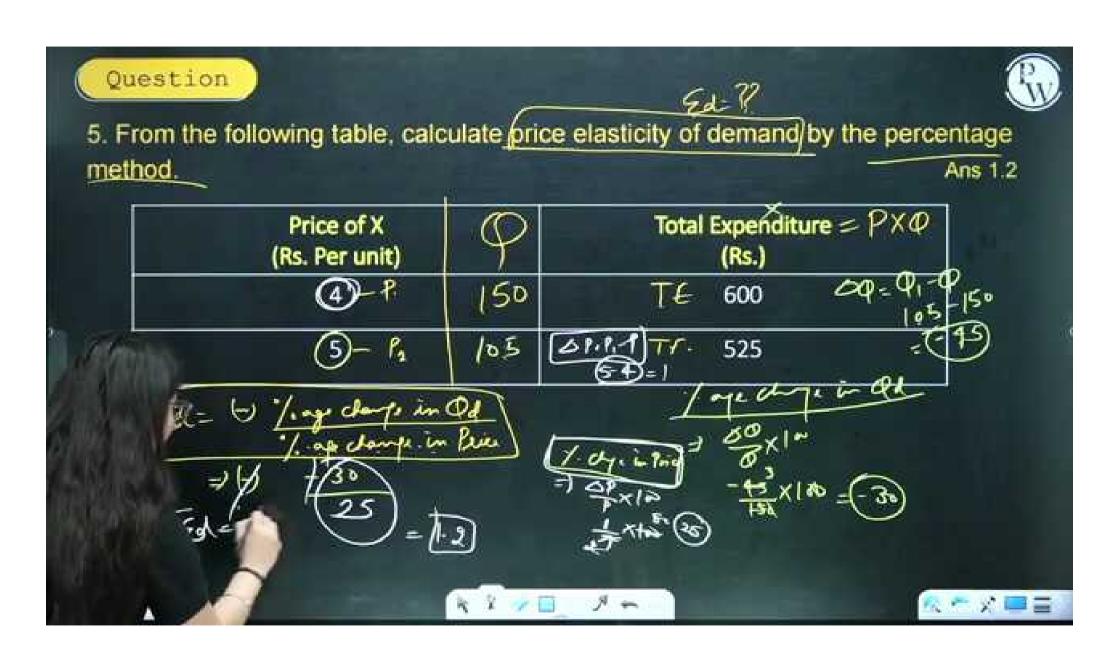


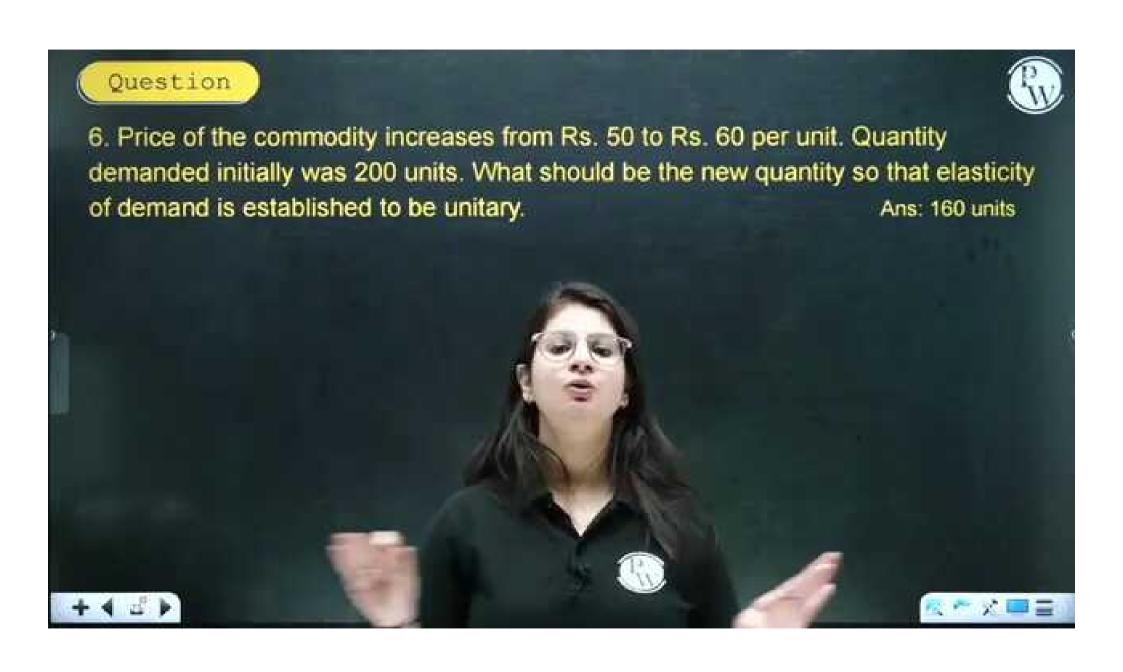


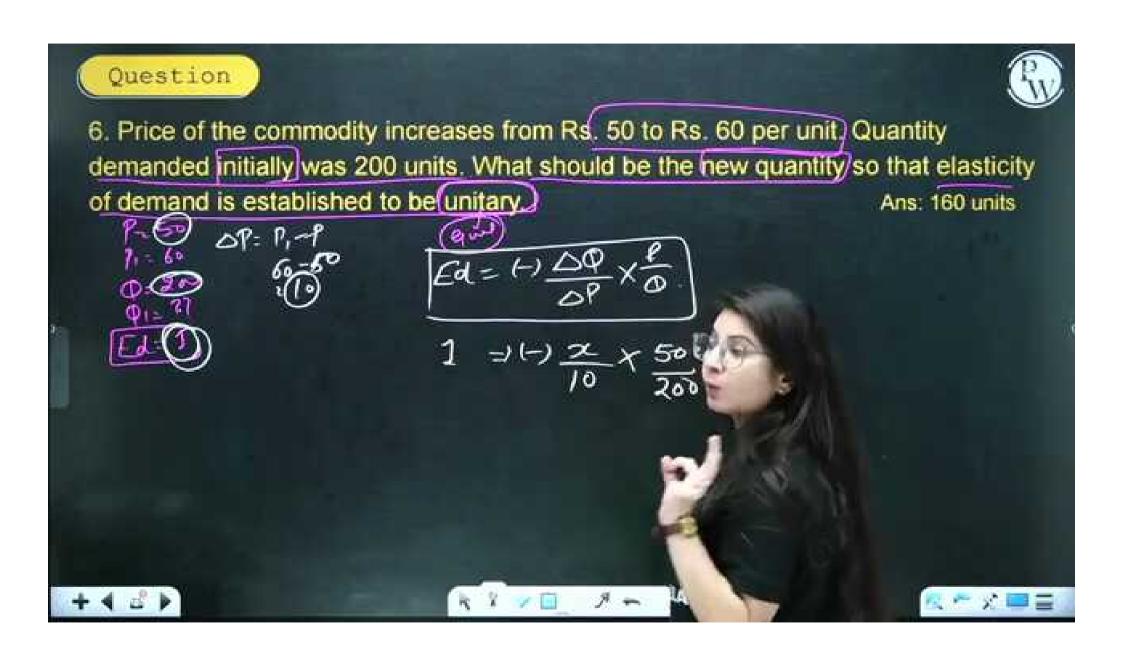












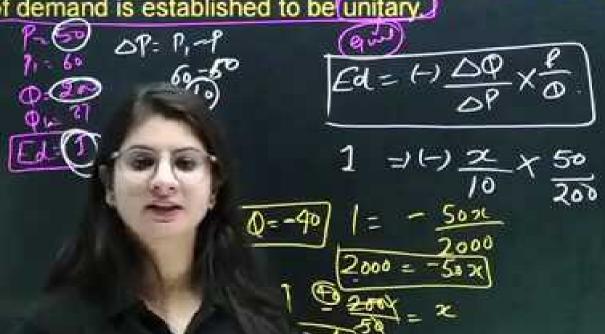




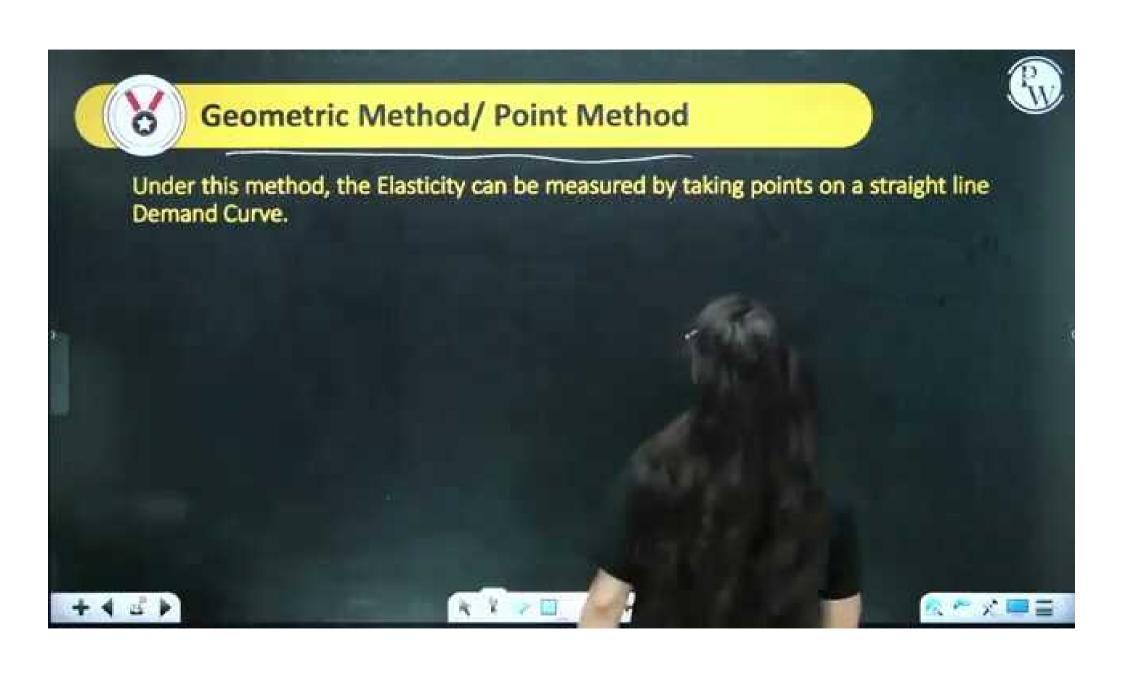
6. Price of the commodity increases from Rs. 50 to Rs. 60 per unit. Quantity demanded initially was 200 units. What should be the new quantity/so that elasticity

of demand is established to be unitary.









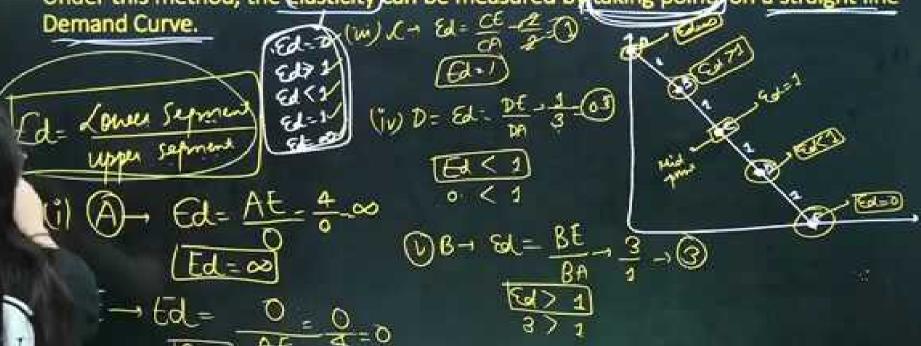


Geometric Method/ Point Method

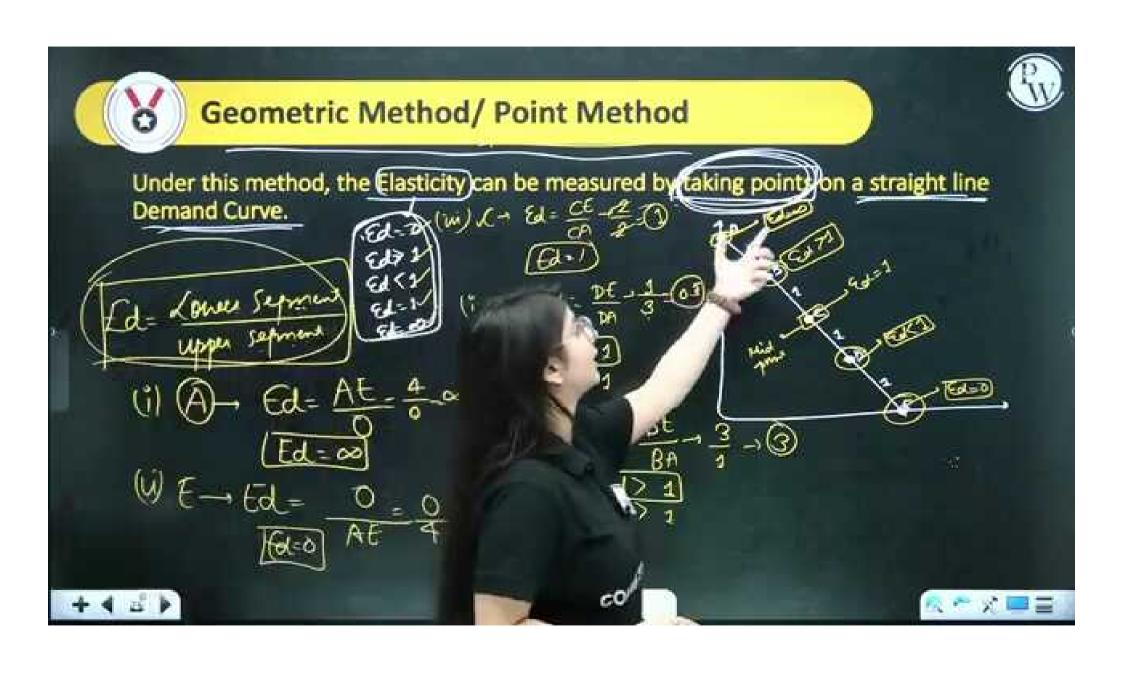


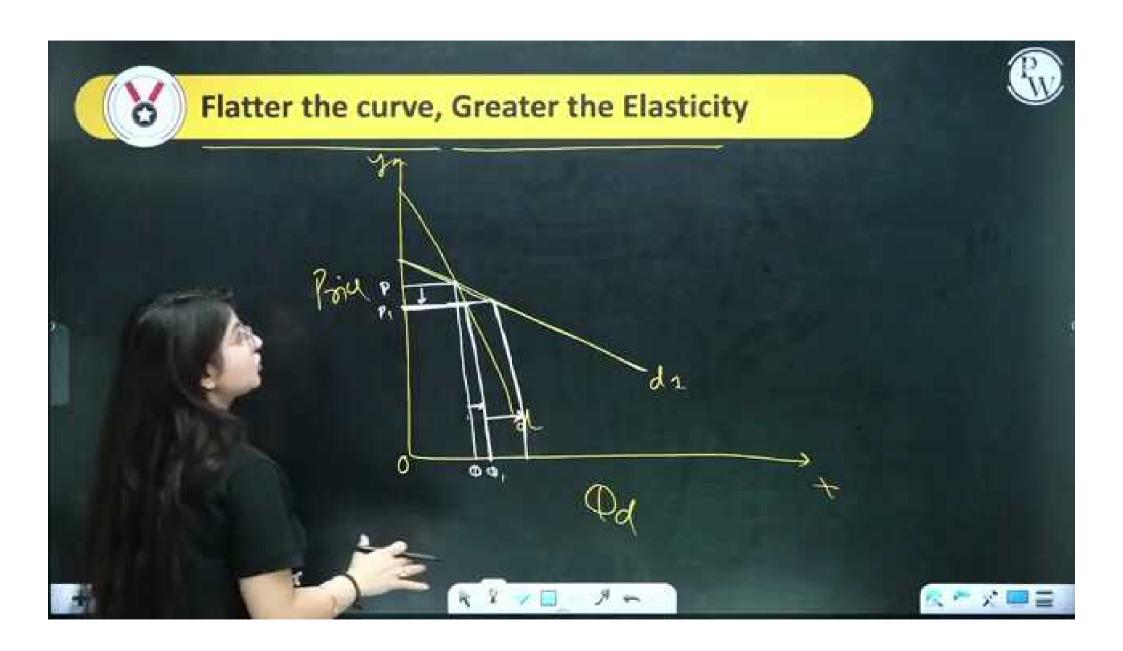
Under this method, the Elasticity can be measured by taking points on a straight line

Demand Curve.











Factors affecting Price Elasticity of Demand:



1. Nature of Commodity:

- Necessity goods (Salt, Kerosene Oil, Vegetables etc.) have less elastic of demand.
- Luxurious goods (Like costly Furniture, Luxurious Car) have more elasticity of demand
- Comfort Goods (like clothes, bread, butter) have moderate elasticity of demand

2. Availability of Substitutes:

- If close substitutes are there more elasticity of demand.
 (Ex. Tea & Coffee)
- If close substitutes are not there inelasticity of demand.

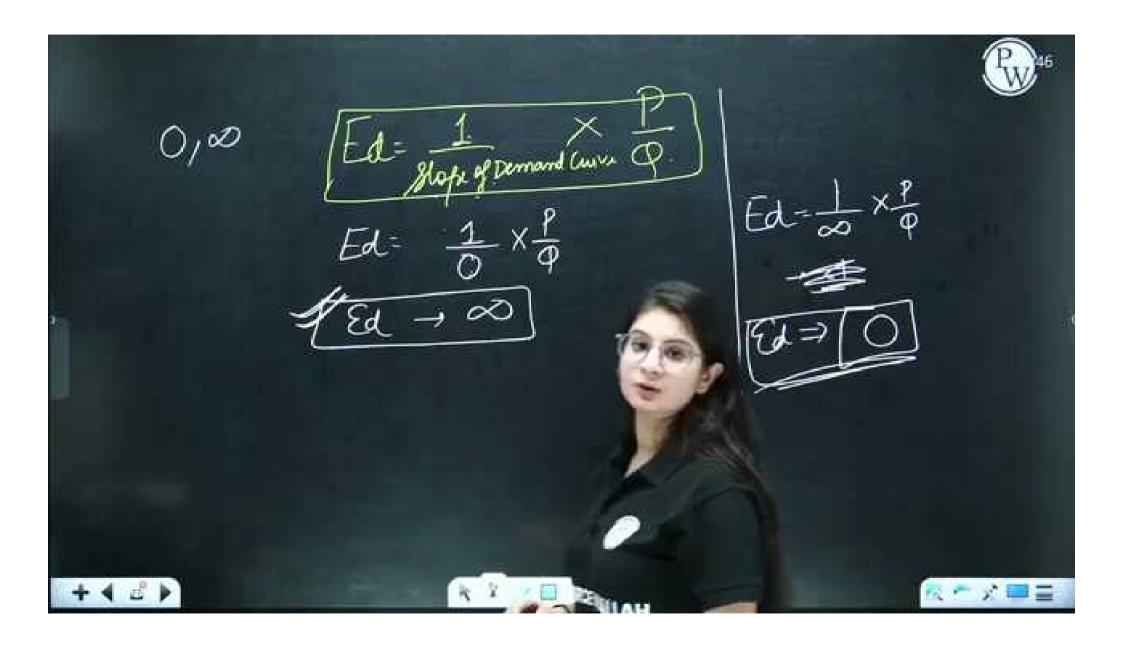
















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