Chapter 15 - Market Demand

lanomale bedrand & Doulowishert mort

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-> this will yield the market demand curve DQP)

To get the Threese demand Junction

Jon the mould, we solve D(P) for

price to get a four price as

price to get a quantity: P(X)

a junction of quantity:

Example:

-> 2 types of consumers:

E aresidoises lono cruno

DE 100 and DE (B) = 2 19 B = 100.

Consumbtion of DE(B) = 100-10 for

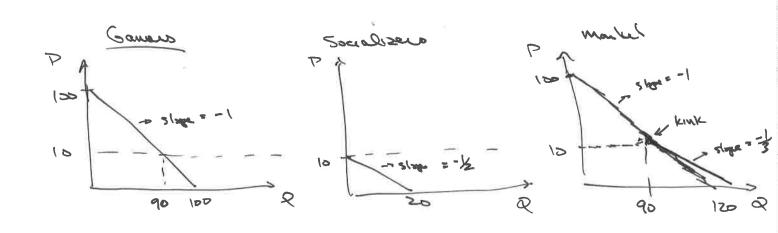
Sometiment for separate proofpany

7 58518 1200 Jan 6 5 10 and D3(6) = 0 Day

+ 2865 = 50 - 56 for 6 5 10 and D3(6) = 0 Day

+ 2867 = 50 - 56 for 6 5 10 and D3(6) = 0 Day

is Suppose these 2 types are equal points of



10>P = 100-P-20-26 = 150-36

-> sum across - graphs

Elesticitys

in green so misunes a measure of hour

spinn be purposed from many son of mays

-> Elasticities use perendage changes

The price absorbed by ademand in the percentage wind change in demand for a percentage change in

3 how to a 3 bookunds +

> Ep = 1.18 20.11 = q3 ←

-> Eb < 0 (none)/2 - exception are Biffers doops)

 $\Rightarrow \varepsilon_{P} = \frac{1.5Q}{1.5Q} = \frac{\Delta q}{q} / \frac{\Delta p}{p} = \frac{\Delta q}{q} \cdot \frac{P}{\Delta p} = \frac{\Delta q}{\Delta p} \cdot \frac{P}{q}$

= 3g. P

Example: calculating elasticities

$$D(p) = q = 30 - 3P$$

$$E_p = \frac{3q}{9p} \cdot P = -3 \cdot \frac{P}{30 - 3P} = -\frac{3p}{30 - 3P}$$

$$= \frac{-9}{10 - P}$$

$$D(p) = q = \frac{10}{1p} = \frac{2.5}{p}$$

$$E_7 = \frac{3q}{3p} \cdot \frac{2}{q} = \frac{-2.5}{p^2} \cdot \frac{1}{2.5} = \frac{-2.5}{p} \cdot \frac{1}{2.5}$$

$$= -1$$

- melastic 18 Ep < 1 (really 2-1)

- elastic 18 Ep = 1 (really <-1)

- elastic 18 Ep = 1 (really <-1)

sunt elastic 18 Ep = 1 (really =-1)

some above, Ex may alogened on poice to the clasticities may vour along the demand curve.

the income aboticity of demand in the percentage who price change in demand for a percentage change in price

$$= \frac{\sqrt{\sqrt{2}}}{\sqrt{\sqrt{2}}} = \frac{\sqrt{2}}{\sqrt{\sqrt{2}}} = \frac{\sqrt{2}}{\sqrt{\sqrt{2}}} = \frac{\sqrt{2}}{\sqrt{\sqrt{2}}} = \frac{\sqrt{2}}{\sqrt{\sqrt{2}}} = \frac{\sqrt{2}}{\sqrt{2}} = \frac{\sqrt{2}}{$$

Force Goodichies and Mayinal Covenue

- why? I price 1's and demand falls 1's.
- exactly effect, so no change

→ 1/2 | Ep| × 1, How MR=p(++ + 1/2) = P(1-12p1)

> MR declines is downer increase grie and is what close is close is about it by by the series but demand by by open so R= PR

>> (| Ep | - | MR = P(1+ Ep) = P(1- | Ep|) >0

> MR : increases of increase price

and channel melastic

Almost low lemmed but to your of your or pop of to pop of

what does this say about spring pricing by a first does this sot ou included

> Set prices that course

paid of domand course

> He to this had applied



why not? I could raise price and A Revenue

Electrichier stong - eman element

