Market Failure &

Types of Taxes



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Proportional

A tax system were regardless of an individual's income, the tax bill comprises exactly the standard for example:

Someone earning \$10 000 pays \$2 000 in aka flat-rate tax taxes

Someone earning \$100 000 pays \$20 000 Marginal Tax Rate = Average TaxiRatees

Progressive For example:

If you are taxed 5% on the her first \$40,000 yeou makedi10% al on the next \$40,000 make and 30% of the last \$10,000 As income increases: you make, you face age tax rate progressive income tax system.

Example:

Regressive Temperaturanup to \$50, 000 is taxed at 10%, The more money made, the tower the stops percentage of \$300,000 pays \$5,000 in taxes, this a tax rate of 5%

Marginal tax rate < average tax rate \$50 000 pays 10%

Someone making \$1M pays 0.5%

Market Failure

- those that many individuals benefit from at the same timperfect information of Editional horizontal defences and/or sellers do not have full
- In order to give about available markets, prices, In order to give integration of products, customers, suppliers, and so much a less taxes to pay for these goods

Public good Suyers may pay too much for a product because they do not know about Imperfected of the partition

Externalities

Imperfect informations regulations, consumer information services, and market surveys by firms

Multiple Choice

Because people with relatively low incomes spend a larger percentage of their income on food that people with relatively high incomes, a sales tax on food would fall into which category of taxes? A)Progressive

B) Proportional

C)Regressive

D)Neutral

E) Flat

If the government subsidizes producers in a perfectly competitive market, then

- A) the demand for the product will increase
- B) The demand for the product will decrease
- C) The consumer surplus will increase
- D) The consumer surplus will decrease
- E) The supply will decrease

Which would result in consumers paying for the largest burden of an excise tax placed on a producer?

- (A) If the demand curve is price elastic and the supply curve is price inelastic
- (B) If the demand curve is price elastic and the supply curve is perfectly elastic
- (C) If the demand curve is price inelastic and the supply curve is price elastic
- (D) If the demand curve is price elastic and the supply curve is price inelastic
- (E) If the demand curve is perfectly inelastic and the supply curve is price elastic.

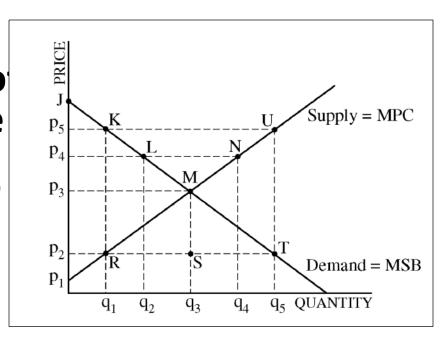
3. The graph above shows the perfectly competitive market for hard candies in Country Alpha. In the graph the letters correspond to points, not areas. MPC denotes marginal private cost and MSB denotes marginal social benefit.

(a) Using the labeling on the graph, (c) Assume # the area

(c) Asideritify the area government imposes each out the production to the correct production to the parties are area for the negative are area to the parties are an incoming the parties are an incoming the parties are areas entirely ent

(i) The (th) nethen parcelurally s

(ii) The daaplusight loss



Answers

Question 3

5 points (2+1+2)

- (a) 2 points:
 - One point is earned for identifying the consumer surplus as P_3JM .
 - One point is earned for identifying the producer surplus as P_1P_3M .
- (b) 1 point:
 - One point is earned for identifying the socially optimal quantity as q_1 .
- (c) 2 points:
 - One point is earned for identifying the consumer surplus as P₅JK.
 - One point is earned for indicating that there is no deadweight loss.

Real World Example

- http://www.banks.com/taxes/
- http://www.taxfoundation.org/