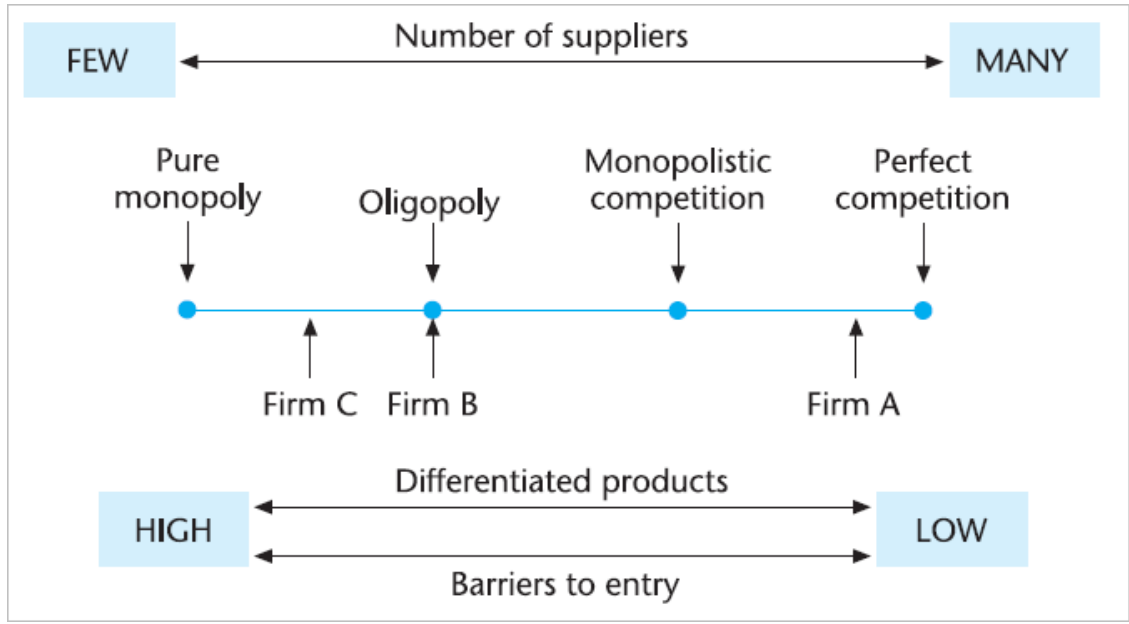
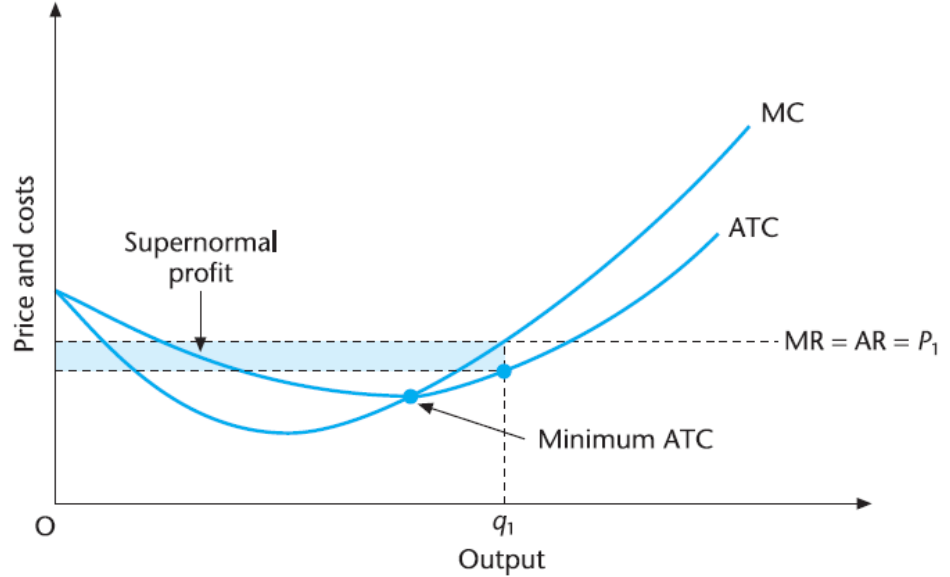


Economic efficiency = Productive eff x Allocative eff



**short run**

- MR = AR = P
- market sets price
- Supplier wants to achieve maximum profit where short run MC = MR
- Firm is a price taker
- Supernormal profit can be achieved**

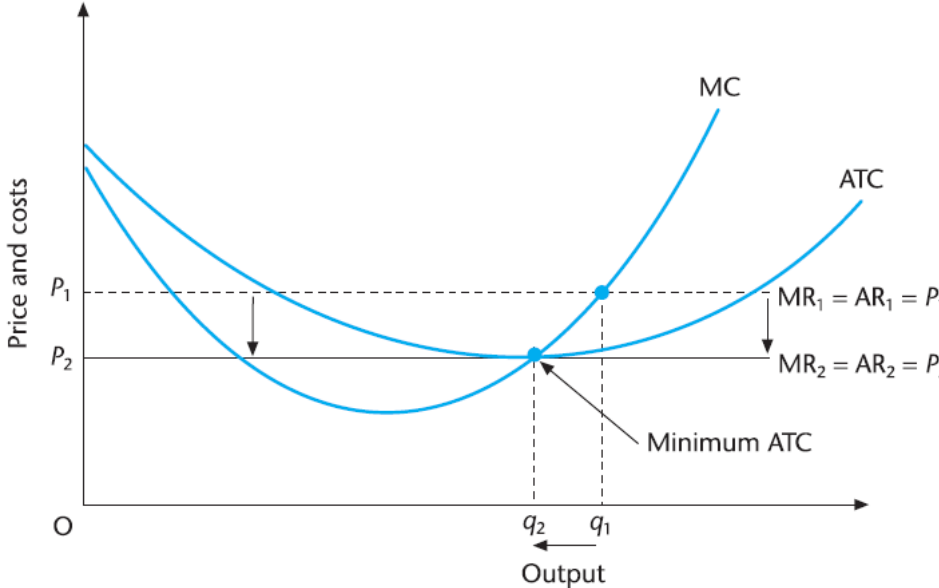


(b) The individual firm

**Short run & long run equilibrium**

**long run**

- Firm is price taker
- MR = AR = P
- Profit maximised where long run MC = MR
- Supernormal profits disappear, only normal profits exists**



(b) The individual firm

**Perfectly Competitive markets**

**Productive efficiency**

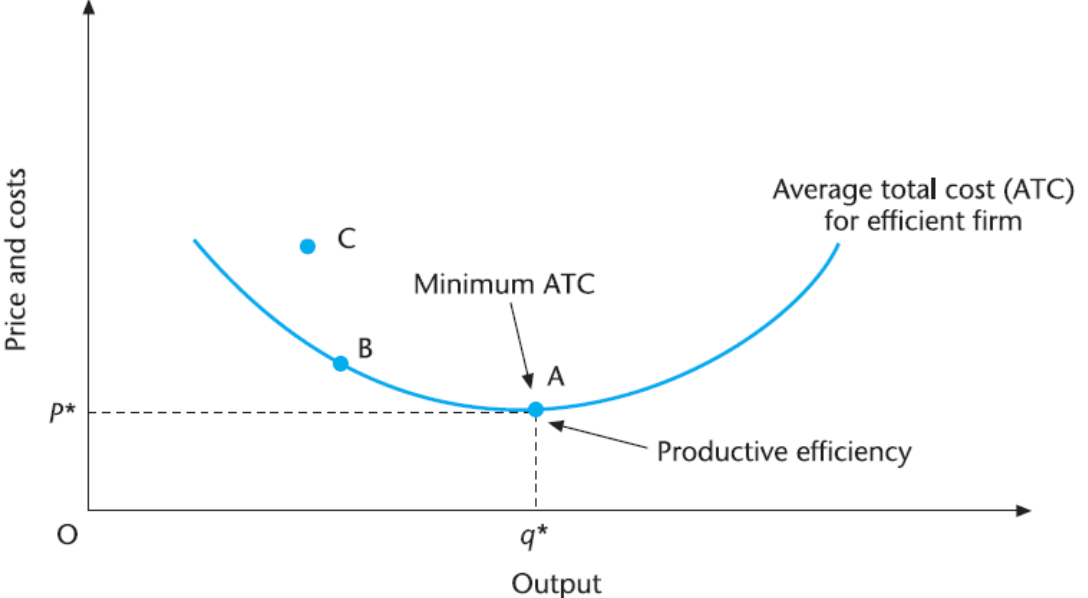
**Allocative efficiency**

Optimal allocation of scarce resources to produce a combination of outputs wich best suits customer demand

P = MC

Pareto optimum

Resources cannot be reallocated so as to make one person better off without making someone else worse off



2 forces

- Input combined for maximal output → Technical efficiency
- Input optimally employed → Price efficiency