

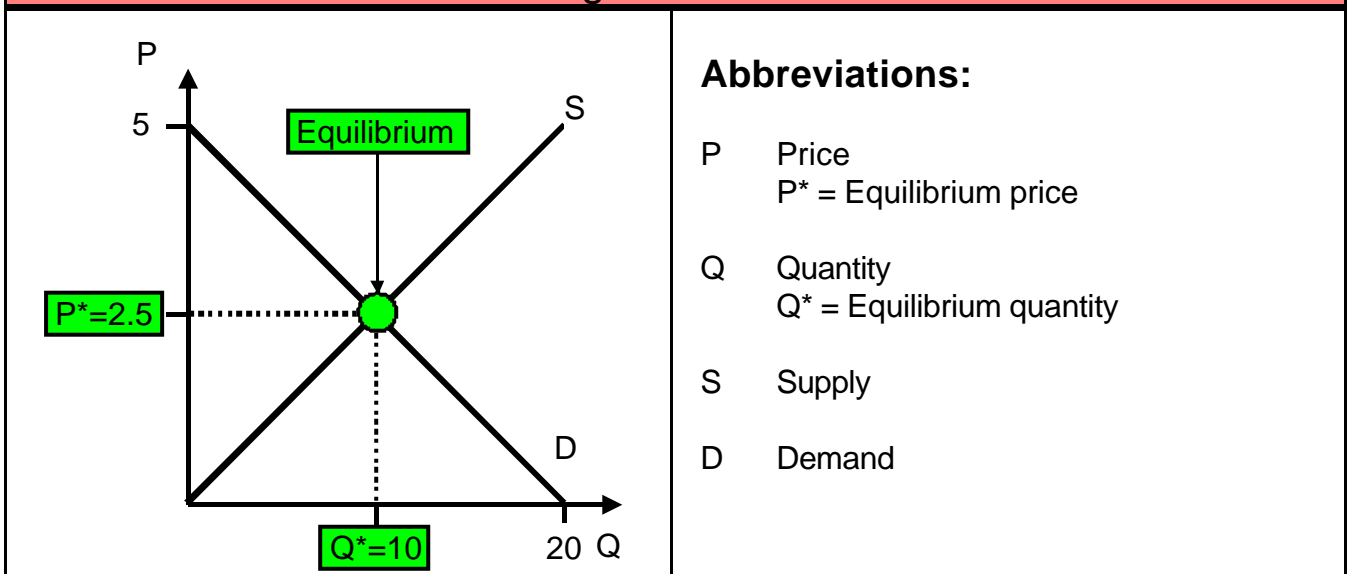
# Markets (forms)

There are at least 3 possibilities to look at the same market:

## 1 A market in numerical form

Price	Quantity demanded	Quantity supplied
0	20	0
1	16	4
2	12	8
3	8	12
4	4	16
5	0	20

## 2 The same market in a diagram



## 3 The same market in algebraic form

- $D = 20 - 4P$
- $S = 4P$
- At the equilibrium point: Quantity demanded = quantity supplied
- Therefore at the equilibrium point:  $D = S \quad \textcircled{R} \quad 20 - 4P = 4P$
- **Results:**  
Equilibrium at  
 **$P = 2.5$**  and  
 **$Q = 10$**  (Quantity demanded =  $20 - 4P = 20 - 4 \cdot 2.5 = 10$ )  
(Quantity supplied =  $4P = 4 \cdot 2.5 = 10$ )