



- c)* **(0.1 points)** Calculate and represent graphically the isoquant of level 1. Calculate one point on that isoquant.
- d)* **(0.1 points)** Calculate both marginal productivities at any point  $(x, y)$ .
- e)* **(0.15 points)** At present,  $x = 3/2$  and  $y = 3/2$ . If you want to increase the production and you can only increase one of the inputs, which one would you suggest to increase its quantity and why?
- f)* **(0.15 points)** At present,  $x = 3/2$  and  $y = 3/2$ . Calculate how an increase of 1% in the quantity of B would affect the production.
- g)* **(0.15 points)** At present,  $x = 3/2$  and  $y = 3/2$ . Calculate how should the quantity of B change if we want to decrease the quantity of A in  $1/2$  units, keeping the production at the same level.
- h)* **(0.15 points)** At present,  $x = 3/2$  and  $y = 3/2$ . How would the production vary if we decrease the quantity of A in  $1/8$  but we increase the quantity of B in  $1/10$ ?