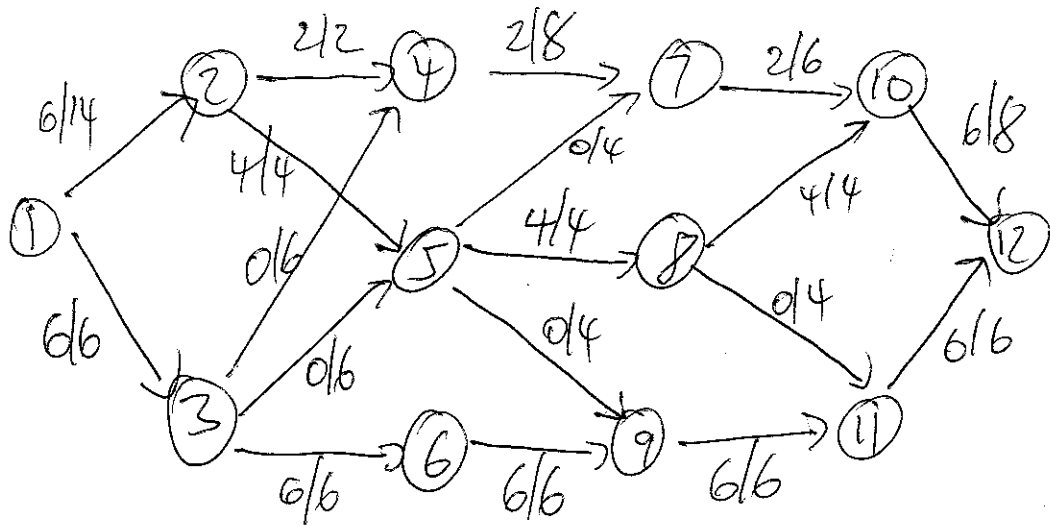
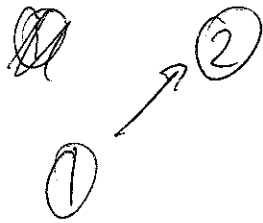


#5



no augmenting path  $\Rightarrow$  flow is maximum  
vertices  $v$  st. ~~the flow~~ the flow  
 $1 \rightarrow v$  can be increased:



cut:  $2 \rightarrow 4$       2  
 $2 \rightarrow 5$       4  
 $1 \rightarrow 3$       6  
                    12

current flow = 12