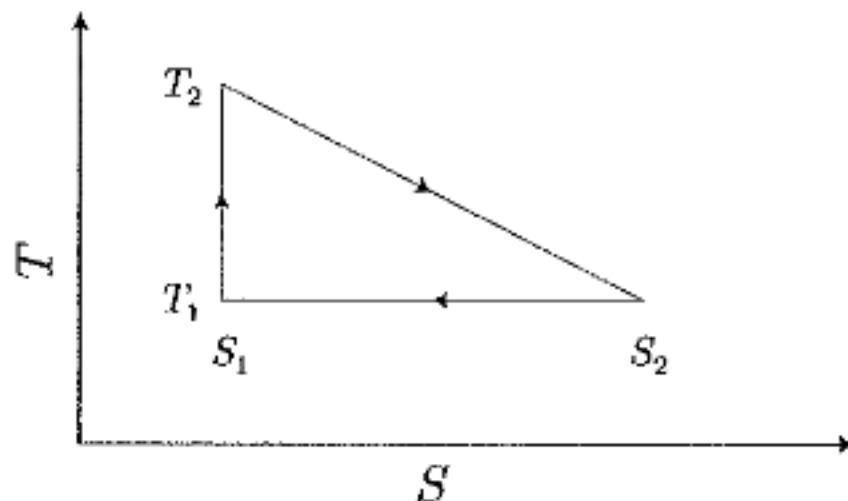


Consider a cyclic (reversible) heat engine that operates as in the diagram.



- (a) What is the efficiency of this engine?
- (b) What does the corresponding diagram for a Carnot engine look like in the T - S plane?