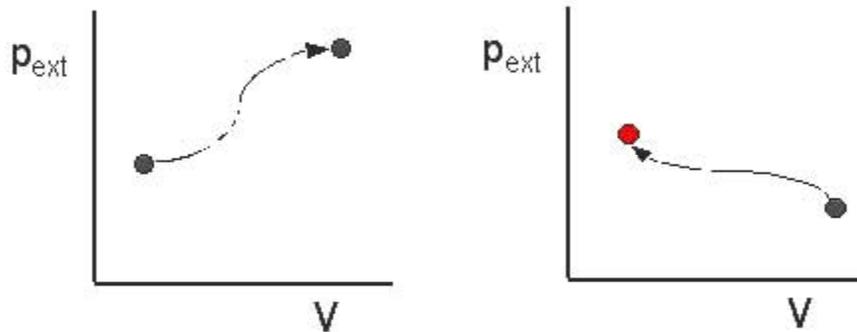


Chapter 3 Question #2

Which statement is correct for the following thermodynamic processes?



- 1) [A] work done on system, [B] work done by system
- 2) [A] work done by system, [B] work done on system
- 3) [A] work done on system, [B] work done on system
- 4) [A] work done by system, [B] work done by system

LO#1

Chapter 3 Question 2 Answer:

(2) [A] Work done by the system, [B] Work done on the system

If v increases during a process, the system is expanding. If it expands against a force (versus a free expansion into a vacuum) then work is done by the system. If v decreases, the opposite is true.

Class response (2003):

