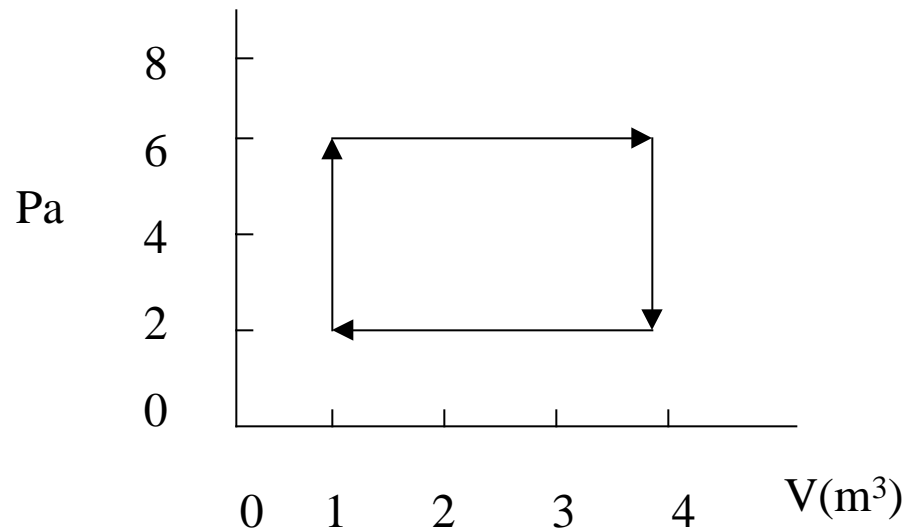


Q1 - Answer = c

Q2 - Problem A - Last name A-K

A heat engine runs on a cycle shown below.  
How much work is done by the engine during one cycle?

- A. 18 J     $W = \text{area}$
- B. -18 J     $= 4 \times 3 = 12 \text{ J}$
- C. 2 J J    No correct
- D. 6 J    answer given!
- E. -6 J



Q1 - Answer = c

Q2 - Problem B - Last Name L-Z

- A heat engine runs on a cycle shown below. How much work is done by the engine during one cycle?

A. 4.5 J

Work = Area

B. -4.5 J

$=1.5 \times 3 = 4.5 \text{ J Pa}$

C. 9 J

D. -9 J

E. 12 J

