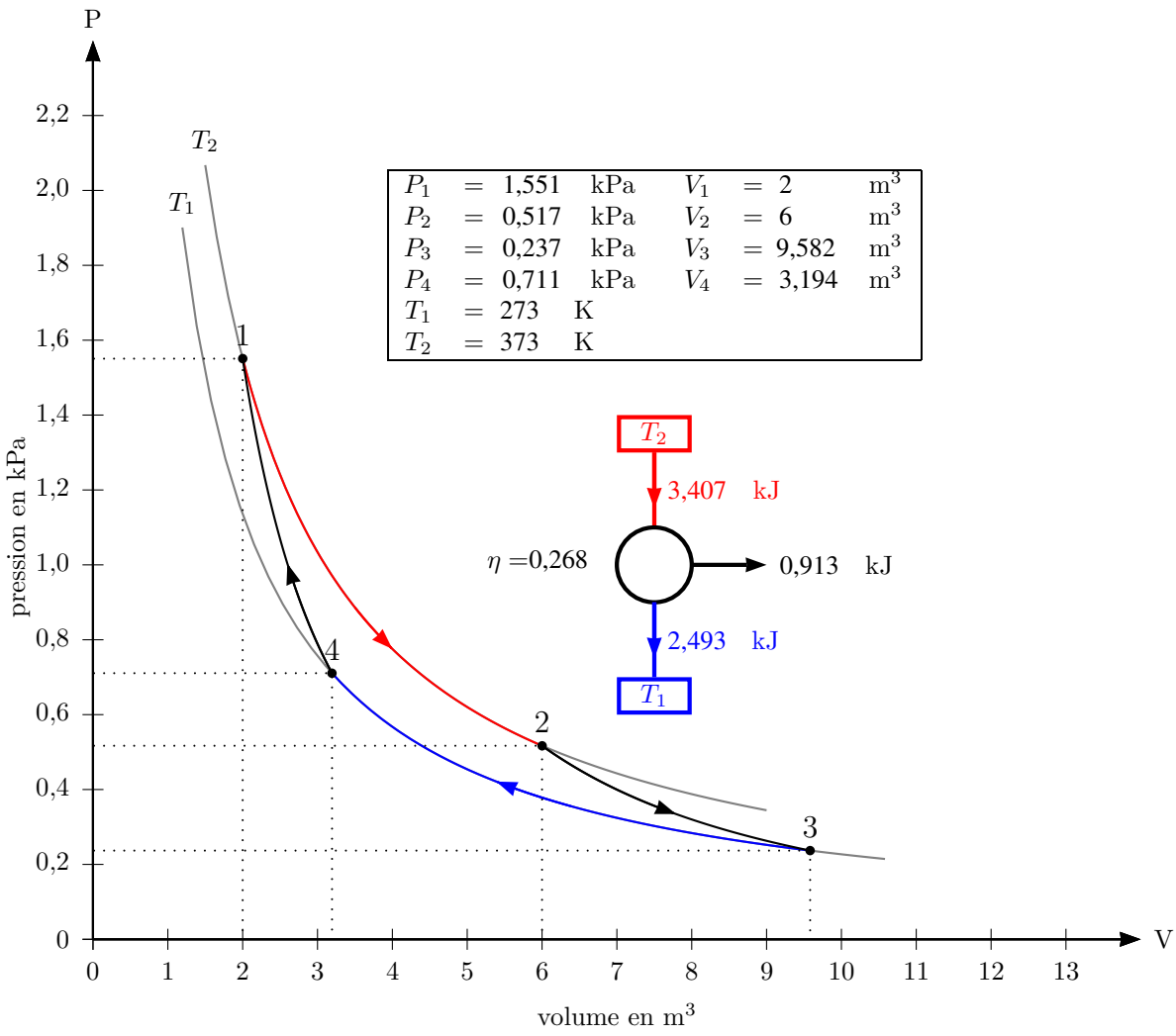
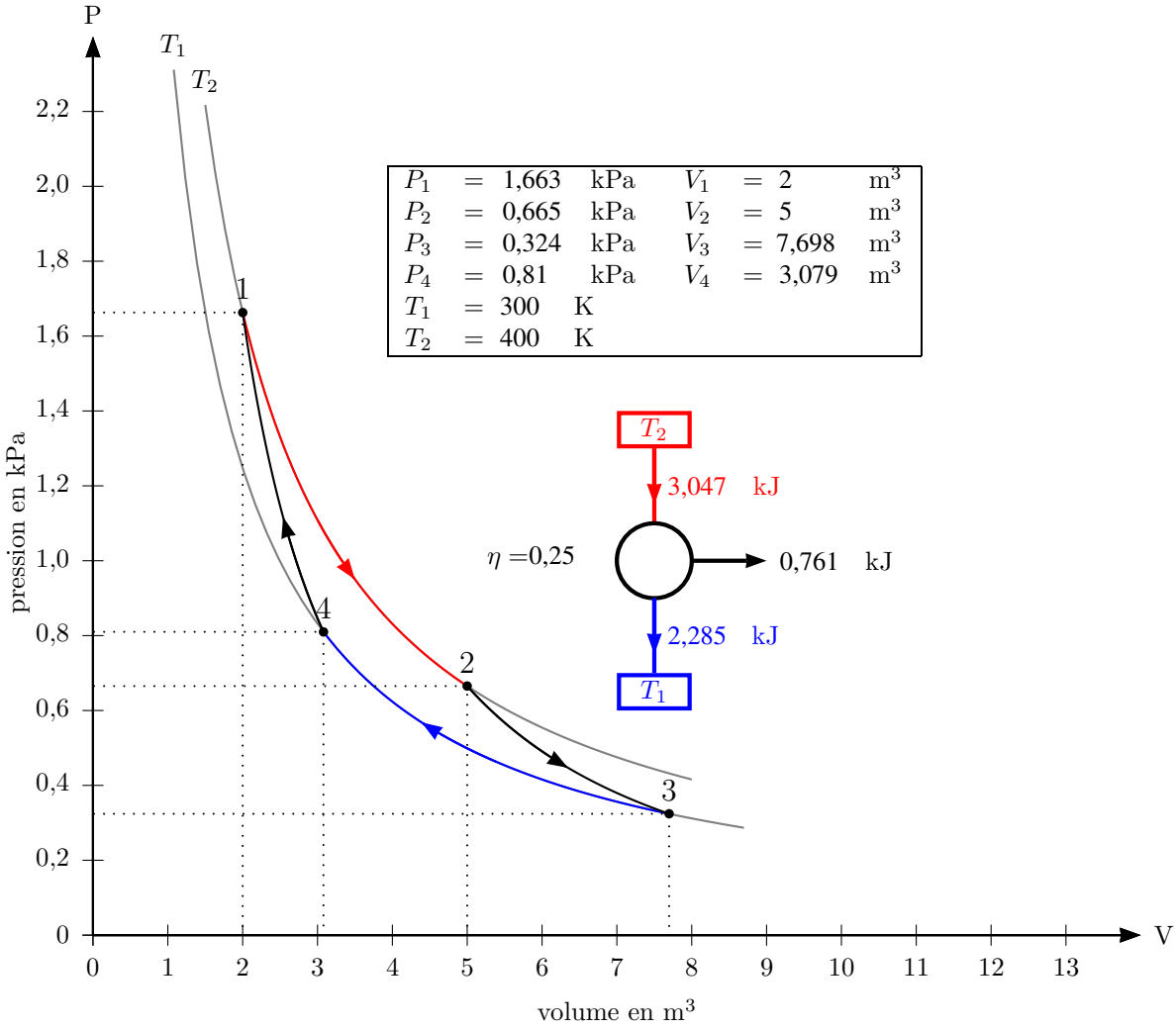

P
V
pression en kPa
volume en m^3
T_1
T_2
1
2
3
4
P_1 = 1,551 kPa V_1 = 2 m^3
P_2 = 0,517 kPa V_2 = 6 m^3
P_3 = 0,237 kPa V_3 = 9,582 m^3
P_4 = 0,711 kPa V_4 = 3,194 m^3
T_1 = 273 K
T_2 = 373 K
T_2
3,407 kJ
η =0,268
0,913 kJ
2,493 kJ
T_1


P
V
T_1
T_2
pression en kPa
volume en m^3
0
0,2
0,4
0,6
0,8
1,0
1,2
1,4
1,6
1,8
2,0
2,2
0
1
2
3
4
5
6
7
8
9
10
11
12
13
1
2
3
4
P_1 = 1,663 kPa V_1 = 2 m^3
P_2 = 0,665 kPa V_2 = 5 m^3
P_3 = 0,324 kPa V_3 = 7,698 m^3
P_4 = 0,81 kPa V_4 = 3,079 m^3
T_1 = 300 K
T_2 = 400 K
T_2
3,047 kJ
η =0,25
0,761 kJ
2,285 kJ
T_1