

Refrigeration

Change of State
from

↳ liquid - to



high press.



heat energy in!

from food!

then, from gas back to liquid gives off heat!

low pressure takes in gas energy!

Gas Lab Graph

Volume of 995 cm^3

35
27.5
17.5
8.25
4

steep

less

less

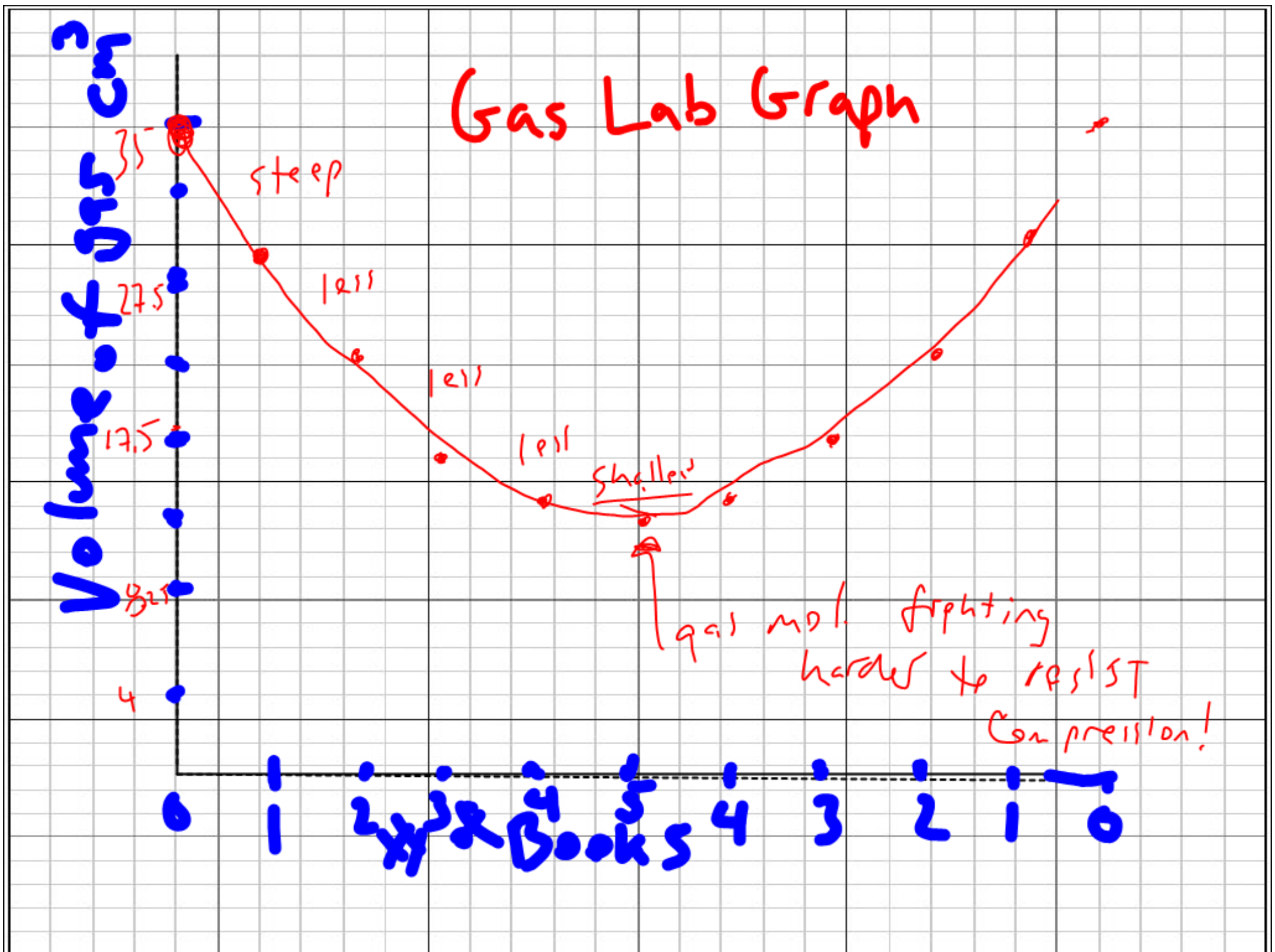
less

shallow

gas mol. fighting
harder to resist
compression!

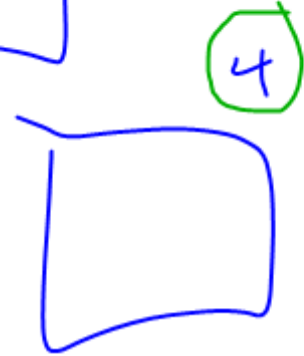
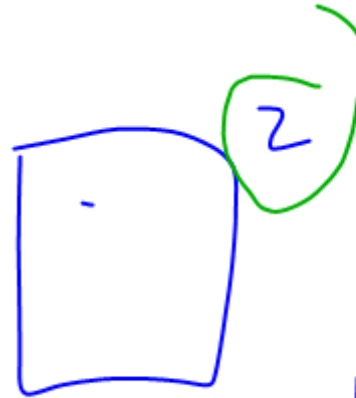
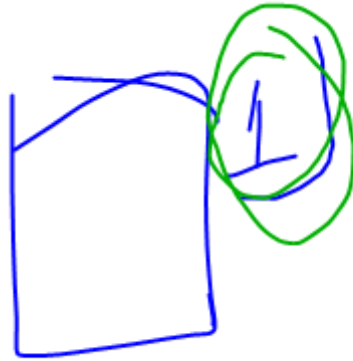
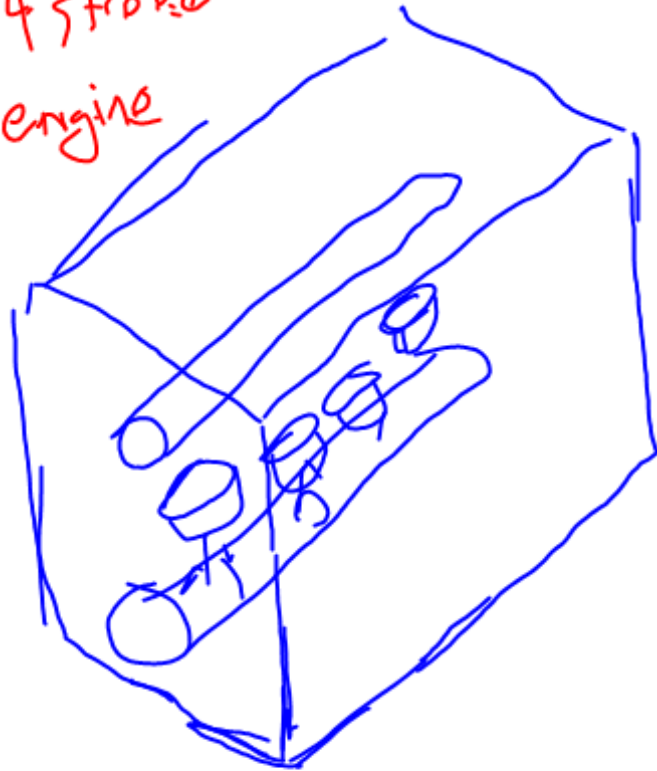
6 1 2 3 4 5 4 3 2 1 0

Books



P. 493

4 stroke
engine

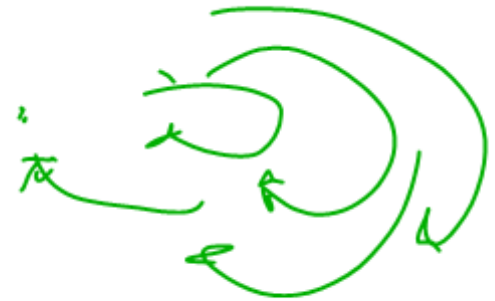


3 methods for heat transfer!

1. Conduction - touching



2. Convection - moving mol.



3. Radiation - EM radiation

