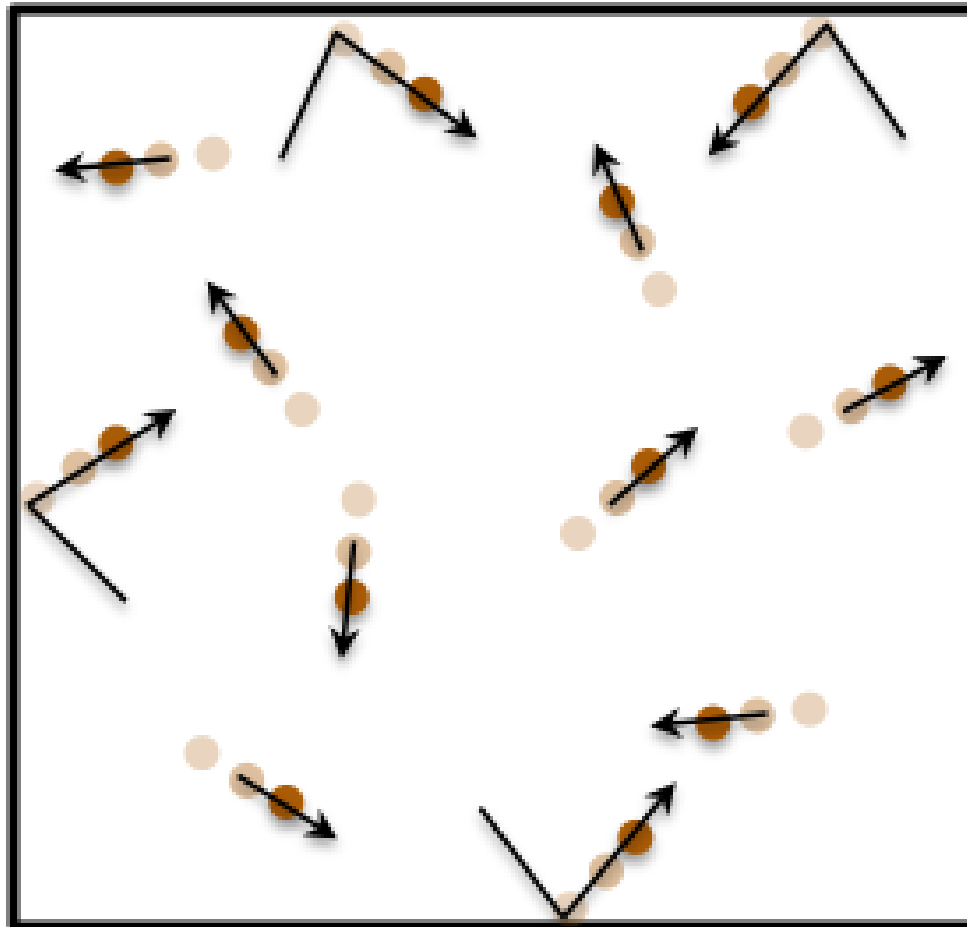
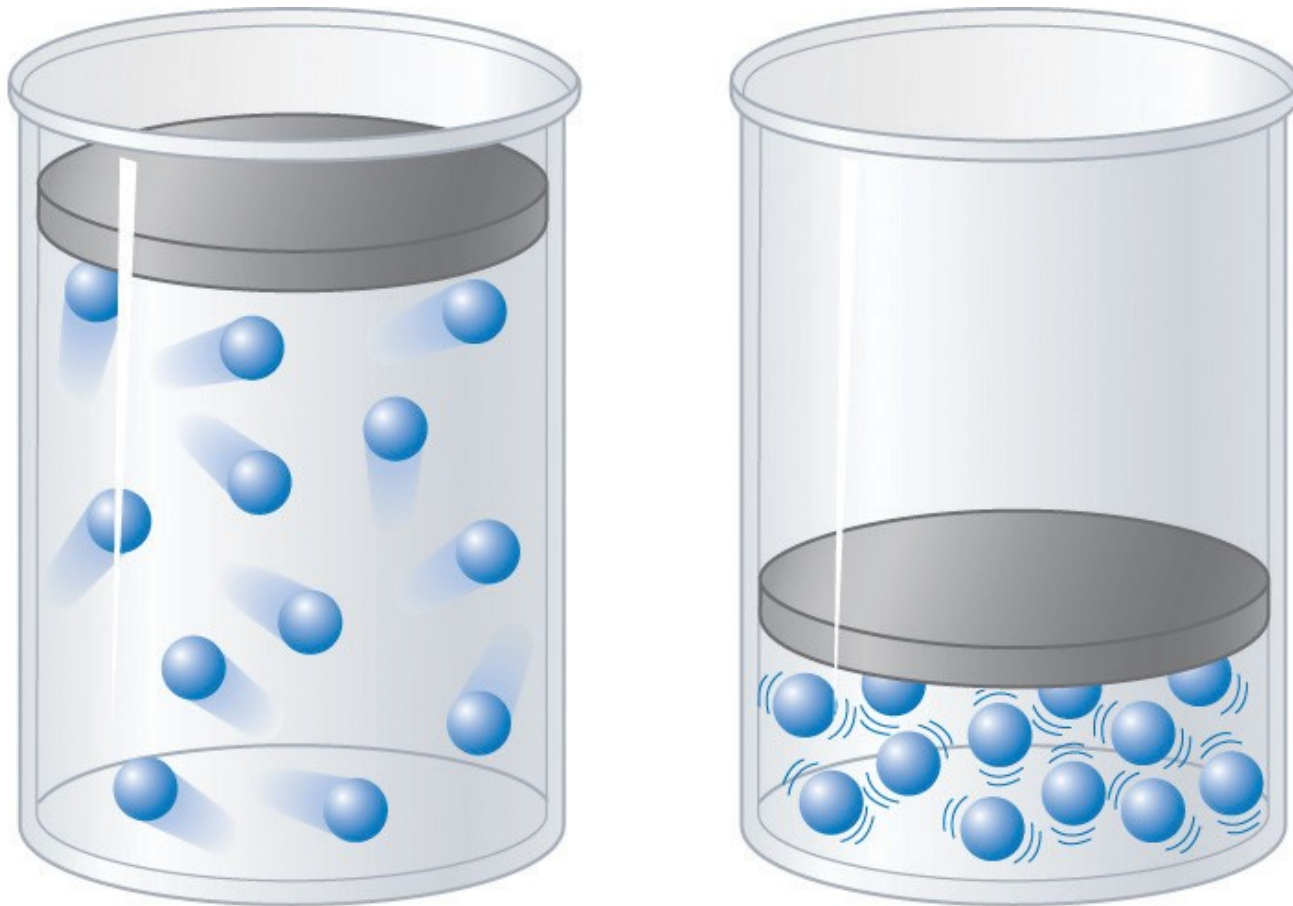


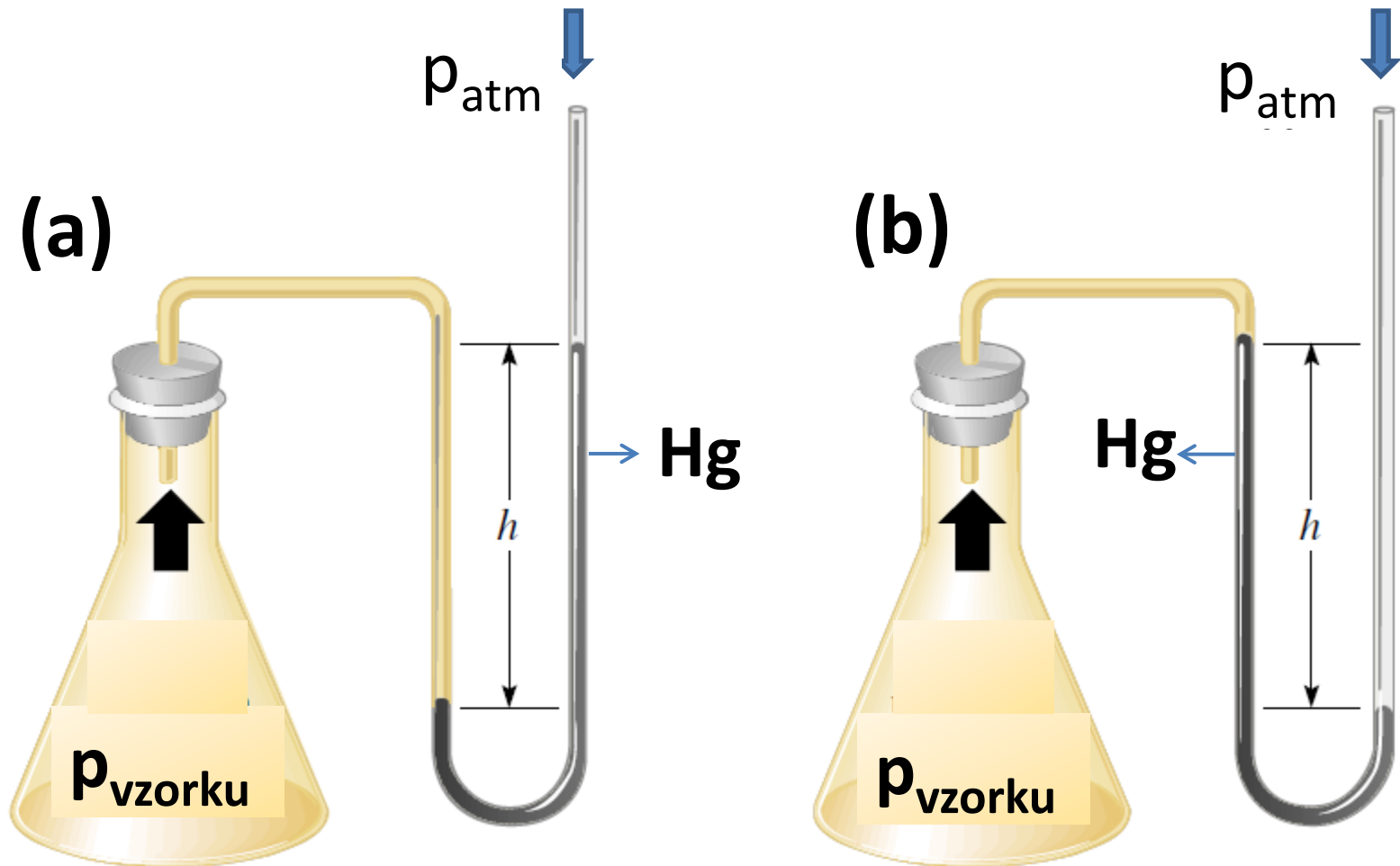
Plyn je nejjednodušší. V čem?



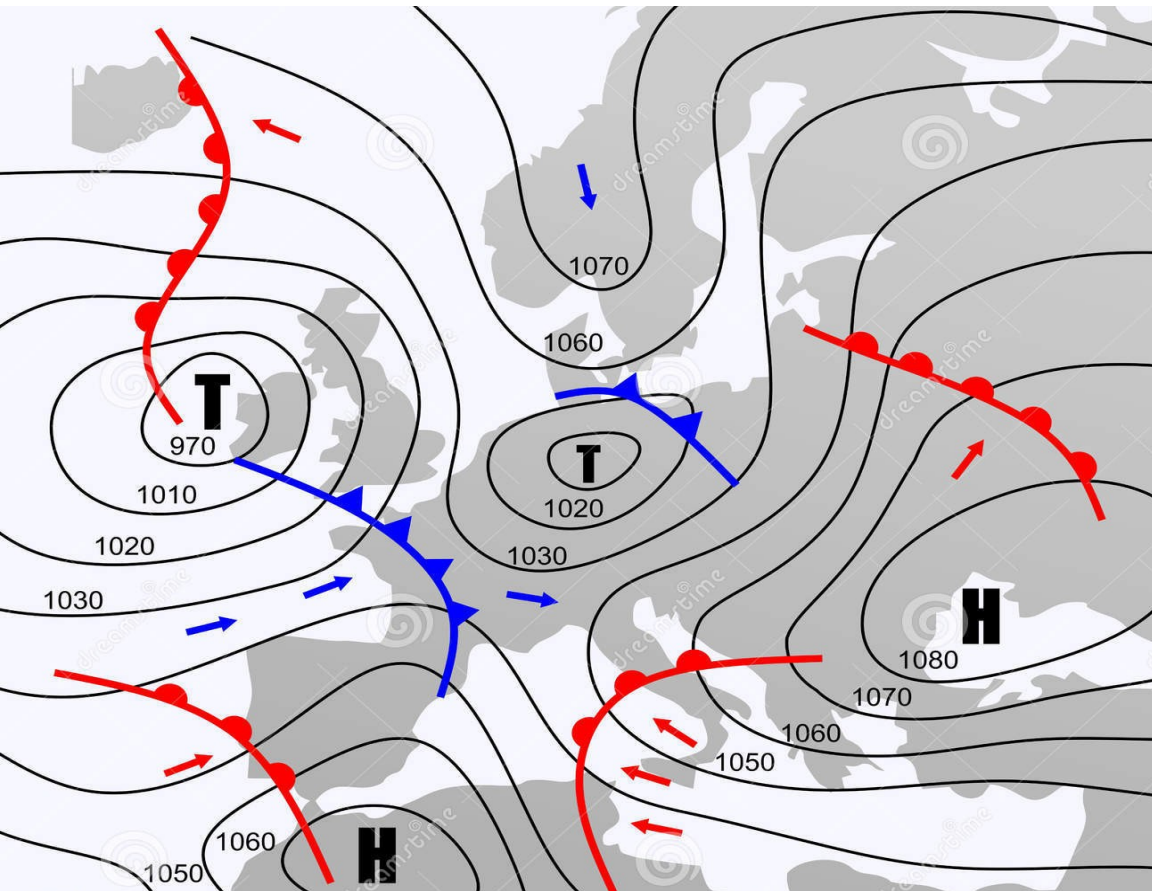
Tlak & objem plynu?



J.E.Torricelli (1608-1647)

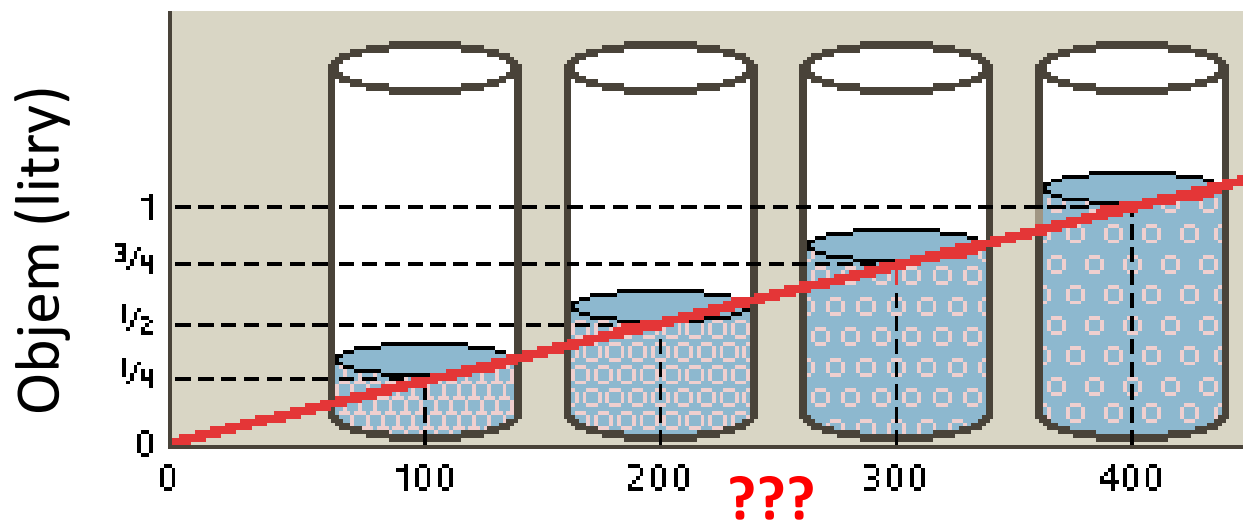
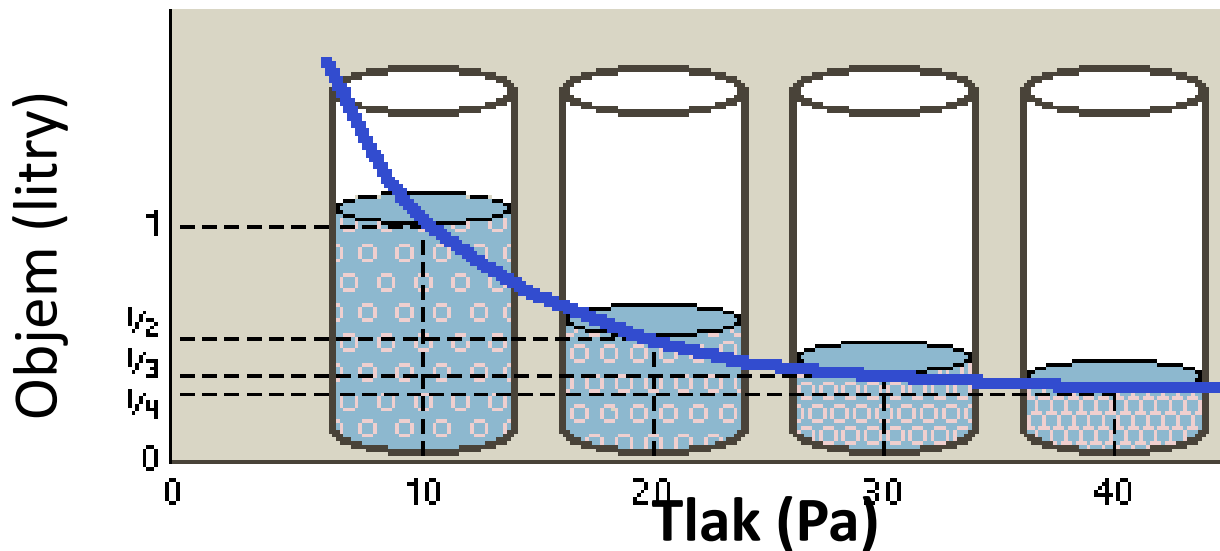


Tabule 4: Jednotky tlaku dnes?



1hPa = 100 Pa , 1 bar = 10^5 Pa, 1 atm = 101.325 kPa = 760 Torr

Co hraje roli kromě tlaku?

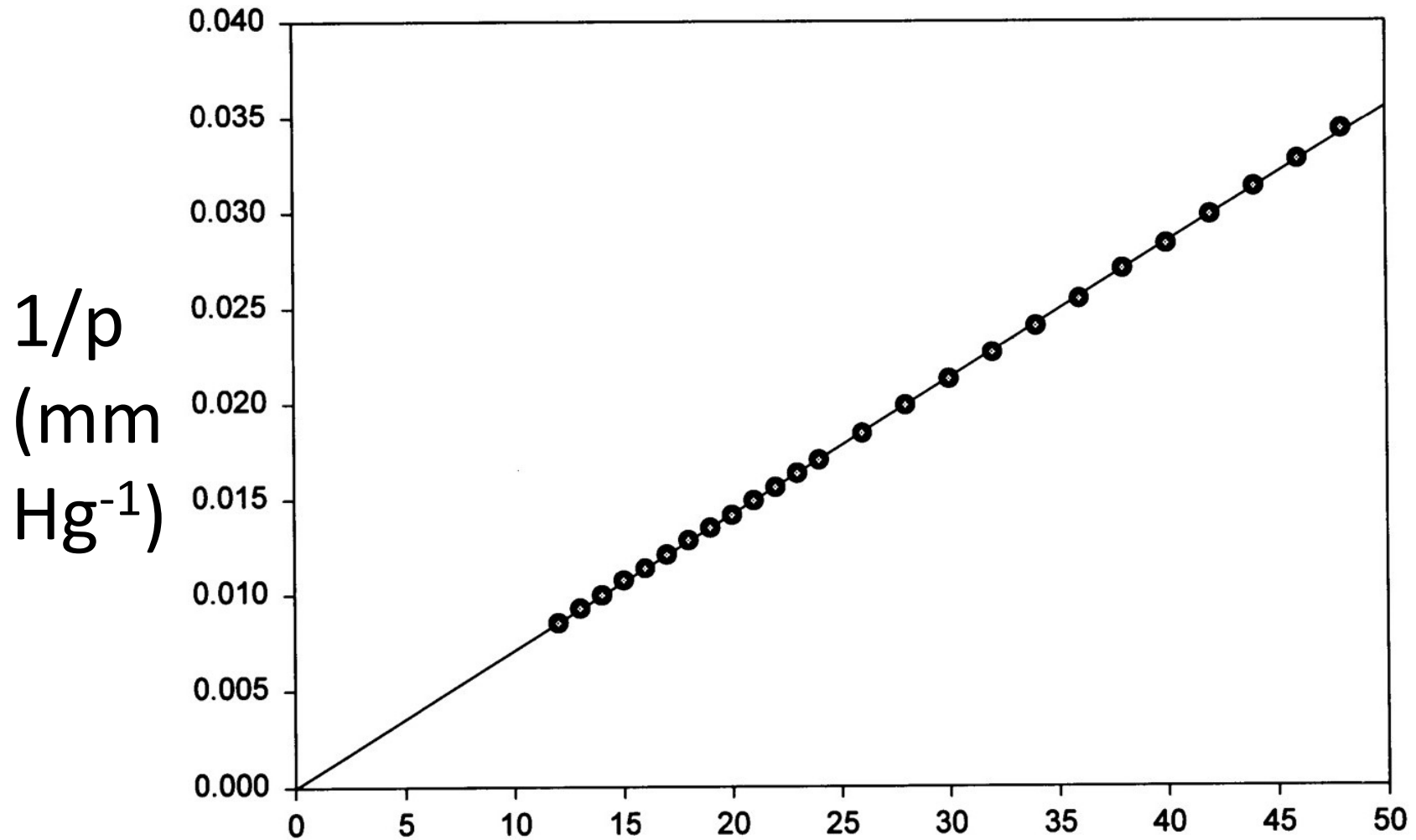




A proč se vliv
teploty začal
zkoumat?

GAY-LUSSAC ET BIOT A 4,000 MÈTRES DE HAUTEUR (1804)

Boylův experiment: rozsah dat



1 inch³ = 0.016 litru

V (inch³)