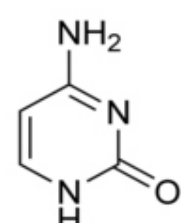
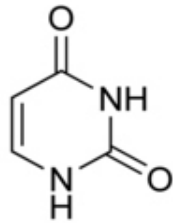
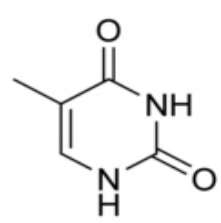
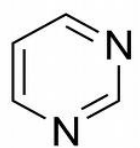
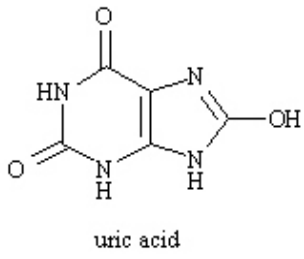
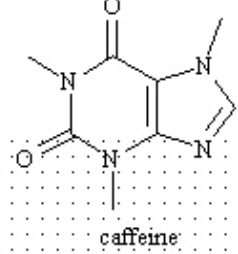
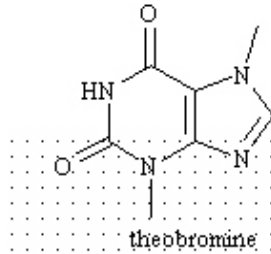
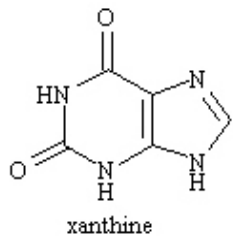
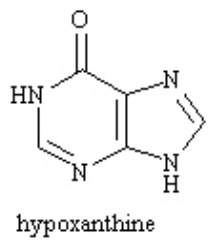
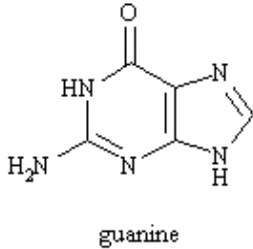
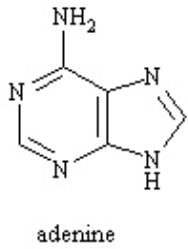
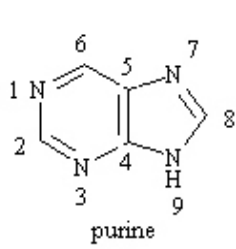
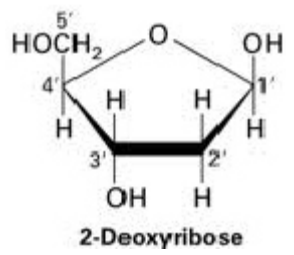
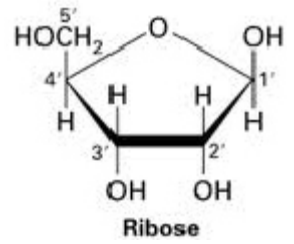


# STRUCTURE OF DNA

rvsd 2/12/93, 2/10/95, 2/12/96, 5 Feb 01, 12 Feb 03, 10 Feb 06, 27Feb09, 08Feb12  
 SGML, p. 3-5, 244-248, GMSLG 7<sup>th</sup>: 4-7, 243-248, Sadava: 239-241, Campbell's 9<sup>th</sup>: 308-312

nucleotide, nucleoside, purine (fr pure + uric + N<sub>2</sub> containing)  
 pyrimidine (fr pyridine with single N) (distilled fr bone oil.)



phosphodiester linkages in backbone

Chargaff (1950s) found A=T and G=C, but %GC varied (p 245)

higher GC = higher melting (Show melting/annealing curve, p 261-262)

Watson & Crick proposed lock and key, two H bond for A:T, three for G:C

