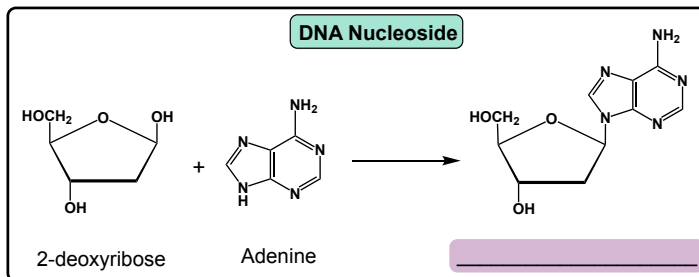
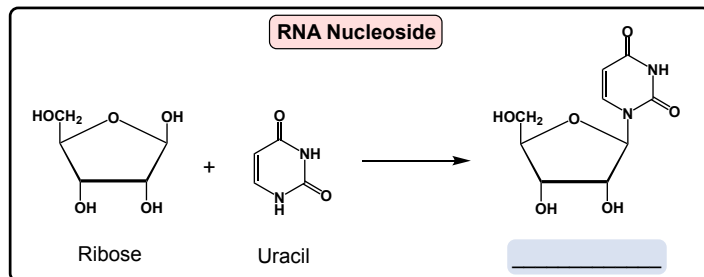


CONCEPT: NAMING NUCLEOSIDES AND NUCLEOTIDES

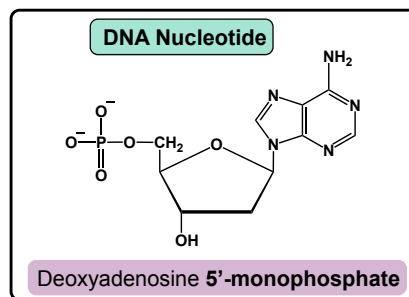
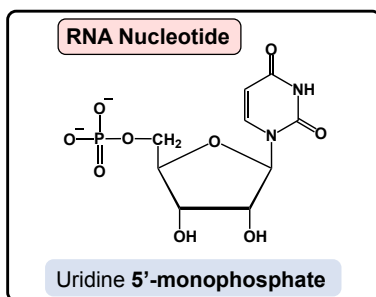
- **Naming Nucleosides:** name of nitrogenous _____ with a suffix modifier.

□ **Pyrimidines:** _____ □ **Purine:** _____



NOTE: in addition to suffix modifier, use prefix deoxy-.

- **Naming Nucleotides:** add _____ - _____ phosphate to the end of nucleoside name.

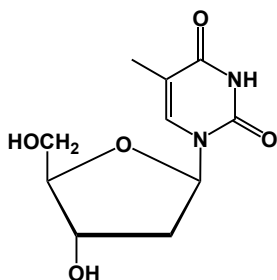


Naming Summary

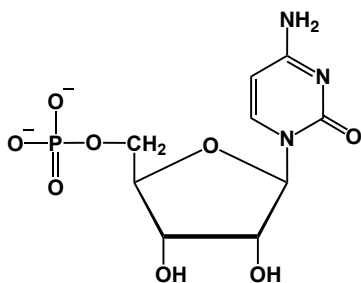
Nucleoside and Nucleotide Names			
	Base	Nucleoside	Nucleotide
RNA	Cytosine	Cytidine	Cytidine
	Uracil	Uridine	Uridine
	Adenine	Adenosine	Adenosine
	Guanine	Guanosine	Guanosine
			5'-monophosphate
DNA	Cytosine	Deoxycytidine	Deoxycytidine
	Thymine	Deoxythymidine	Deoxythymidine
	Adenine	Deoxyadenosine	Deoxyadenosine
	Guanine	Deoxyguanosine	Deoxyguanosine
			5'-monophosphate

CONCEPT: NAMING NUCLEOSIDES AND NUCLEOTIDES

EXAMPLE: Name the following nucleoside.



PRACTICE: Provide a name for the following nucleotide.



PRACTICE: Draw a nucleotide structure for GMP.

PRACTICE: Draw a structure for deoxyadenosine 5'-monophosphate.