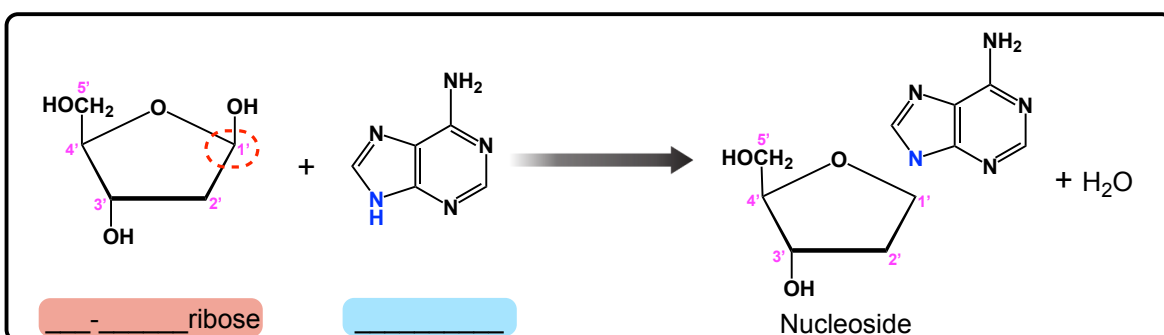
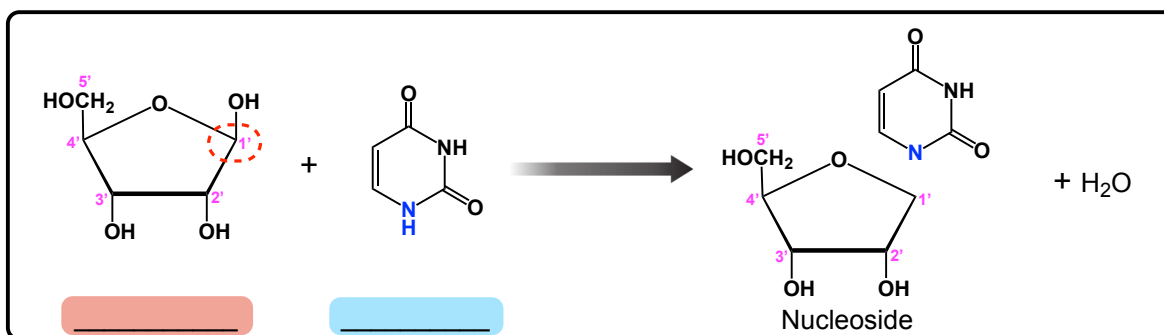
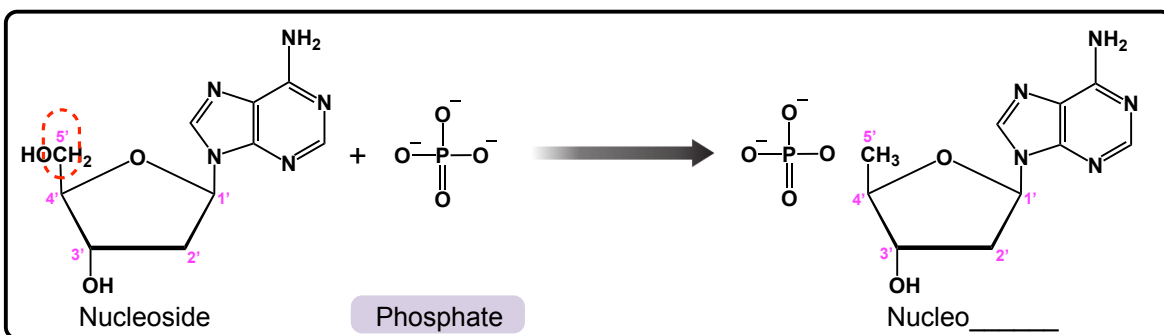


CONCEPT: NUCLEOSIDE AND NUCLEOTIDE FORMATION

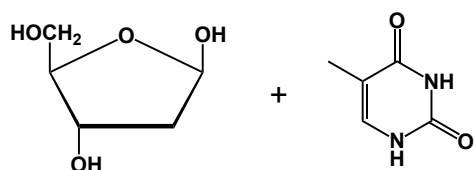
- **Nucleoside Formation:** sugar and base form glycosidic bond between anomeric C () of sugar and _____ of base.



- **Nucleotide Formation:** a phosphate group binds to C _____ of nucleoside.



EXAMPLE: Draw a nucleotide formed from following sugar and base.



CONCEPT: NUCLEOSIDE AND NUCLEOTIDE FORMATION

PRACTICE: Draw a nucleoside formed when ribose and cytosine form a glycosidic bond.

PRACTICE: Draw a nucleotide formed when deoxyribose and guanine form a glycosidic bond.