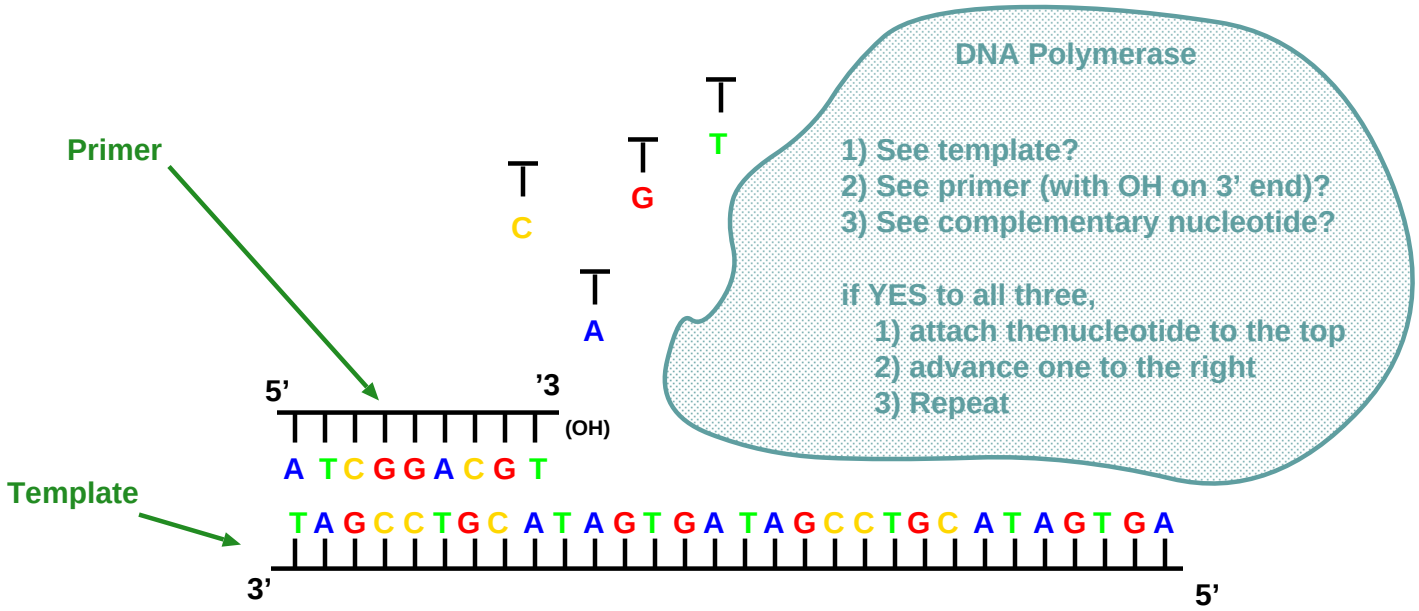
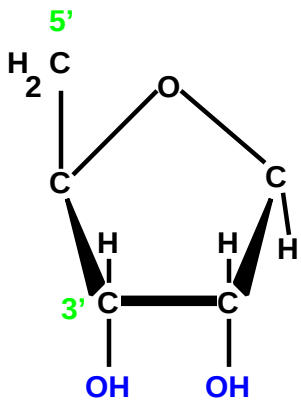
Sequencing with DNA Polymerase



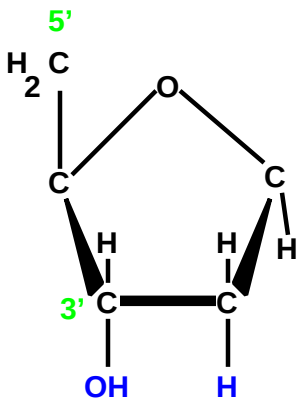
1) Can't polymerize without primer, but a short DNA segement will attach itself to a matching spot on a template.

2) DNA polymerase will attach a DDribose nucleotide, but then it can't attach any more!



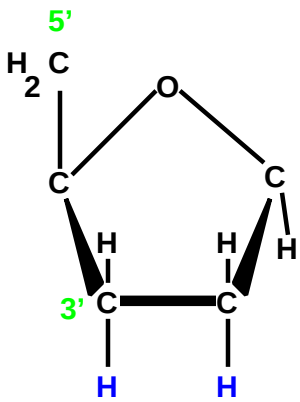
Ribose

RNA



Deoxyribose

DNA



Double Deoxyribose

Halts DNA polymerase