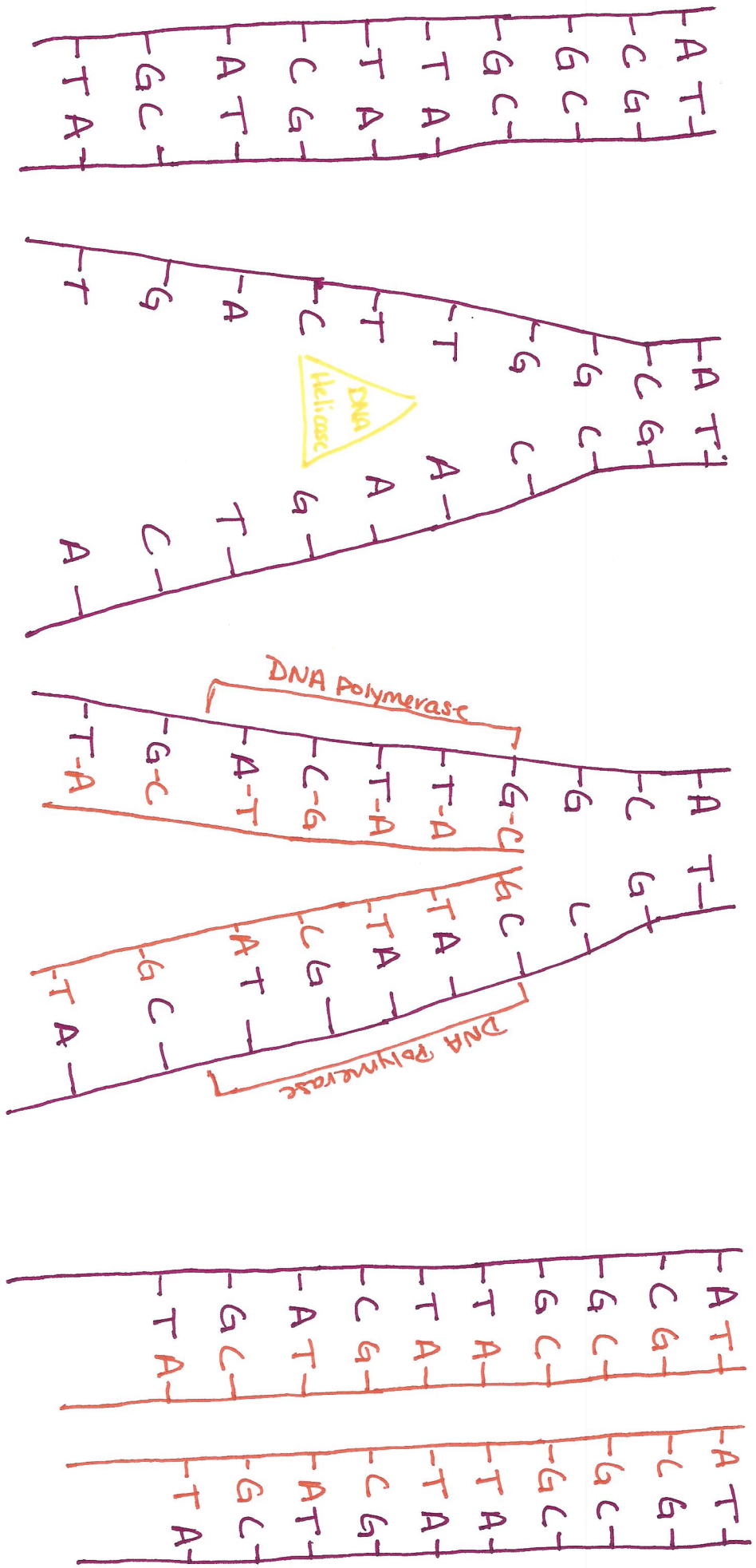


# DNA Replication

(happens in the nucleus during S-phase of the cell cycle)

Start → Step 1 → Step 2 → Step 3



Parent strand of DNA

DNA Helicase enzyme unzips parent DNA

DNA Polymerase enzyme adds complementary base to parent DNA

2 identical strands of DNA are formed each with 1 strand from the parent DNA and one from the complementary strand