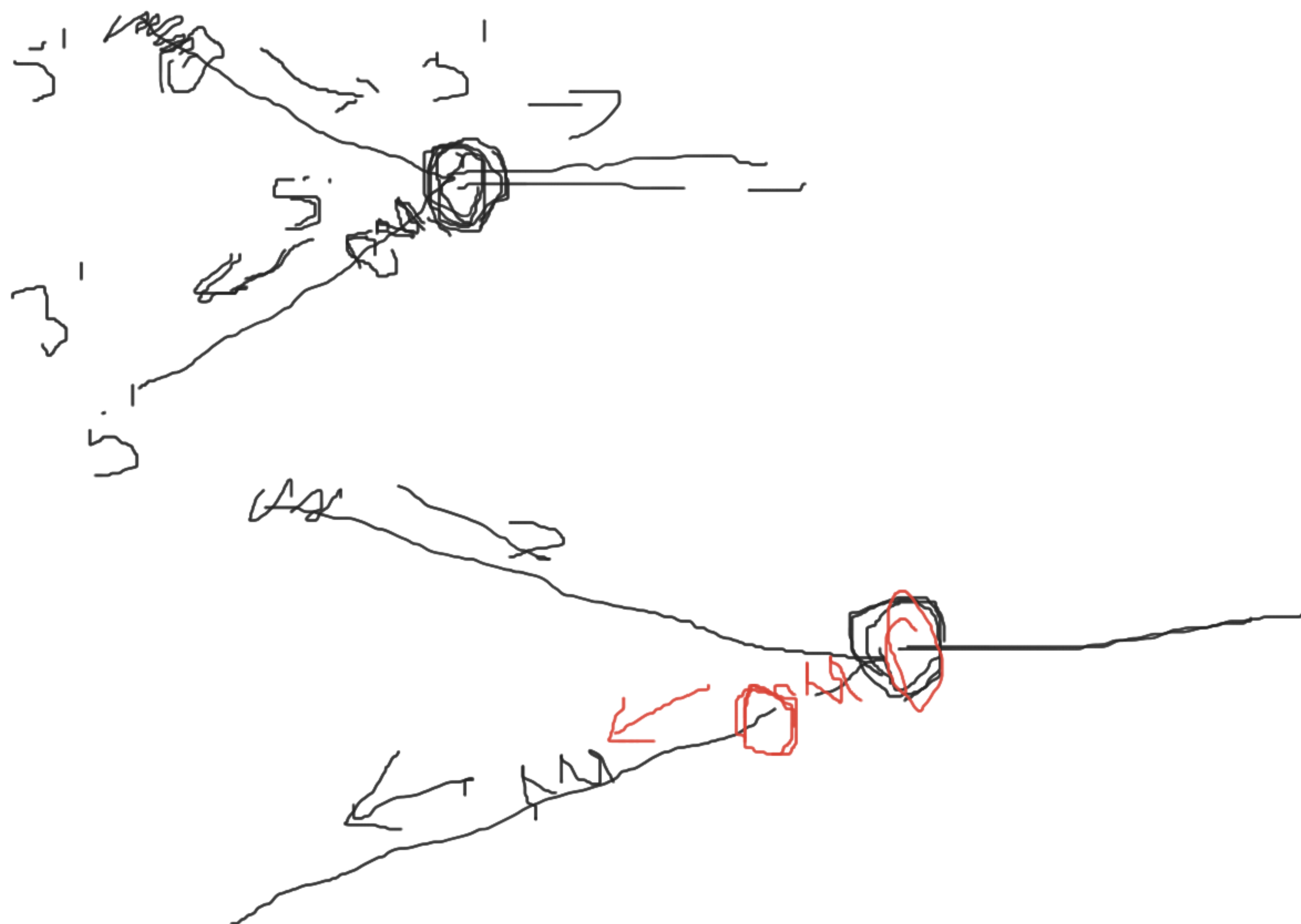
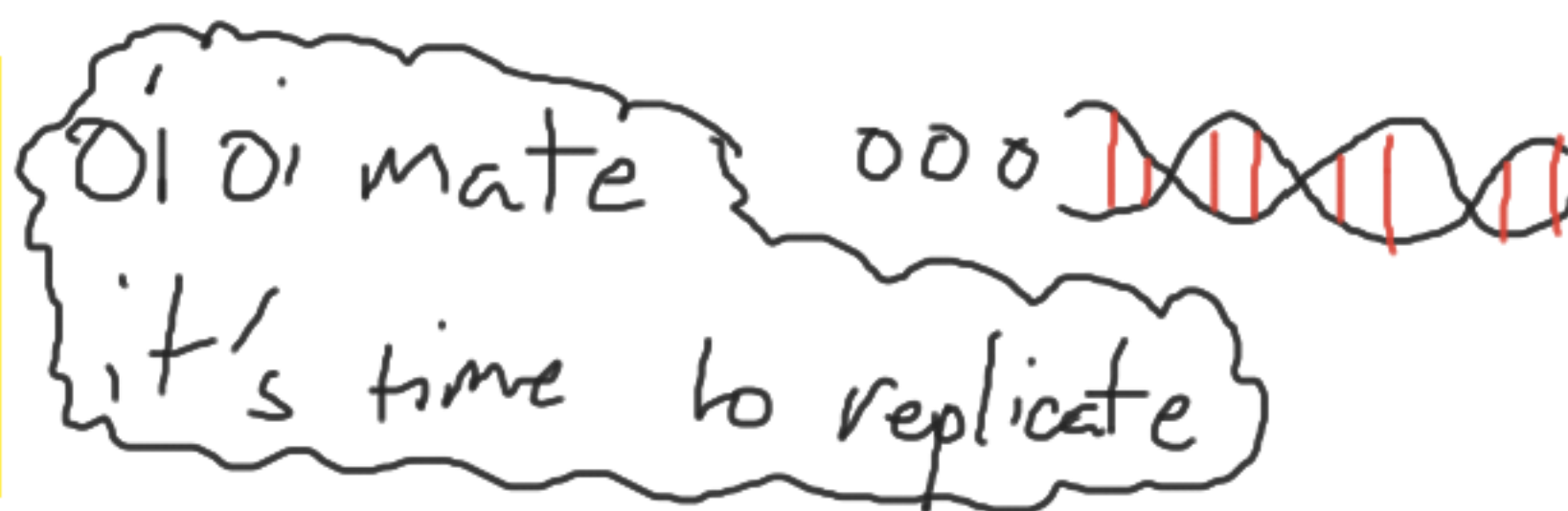


- Step 1: Start with some DNA
- Step 2: Begin the replication process
- Step 3: ???
- Step 4: Profit



1.

one of the dna bois decides to replicate



2

ssssssssssbs show up and prevent the dna from sticking together AND unwinds dna



a helicase joins the battles and starts unzipping

Self-portrait

3

primase attaches to parent strand; generates RNA primers

tele-jubly

4

dna polymerase starts making the complementary strand moving in the 5' to 3' direction

results in leading + lagging strand



5

6. DNA polymerase I come in to replace RNA primers with DNA

7

DNA ligase joins okazaki fragments

8

DNA Polymerase proofreads its work like a good child

9

Two new molecules of DNA are created

10

The DNA of the daughter strands winds together with its parent strand.







