DNA Replication - Quick Meta-Quiz

1. List the 4 main concepts just covered in the DNA replication unit.

2. Draw the banding pattern you would expect to see in a “Messelson and Stahl” density gradient tube after 1 round of Conservative DNA replication of *E. coli* N15 DNA grown in N14.

3. If possible, use the principles of DNA replication to extend the following templates:

5’

3’

5’

3’

 3’

5’

3’

5’

5’

3’

4. Draw the carbon-oxygen backbone of Deoxyribose and number the carbon atoms.

5. Name the purines (the large bases).