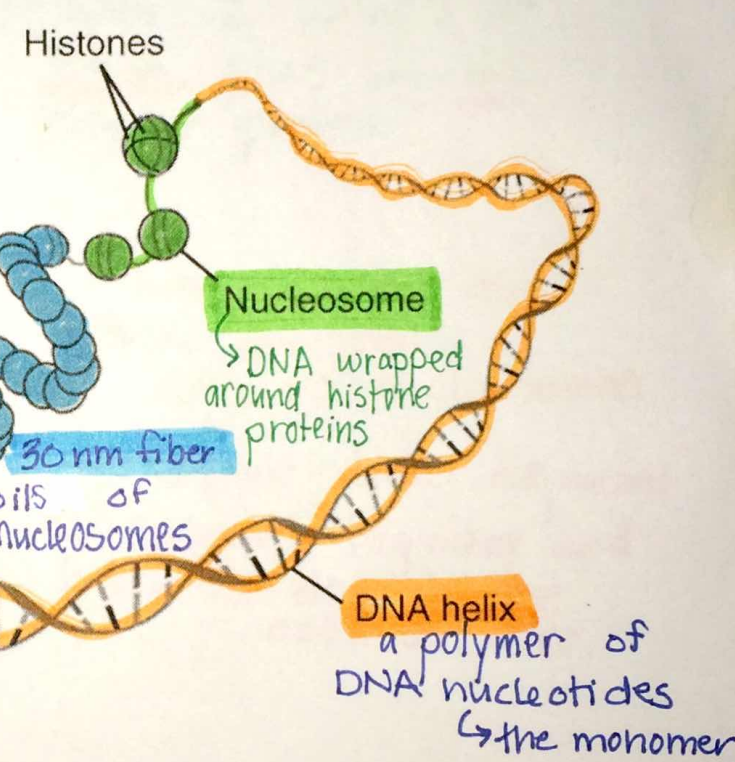
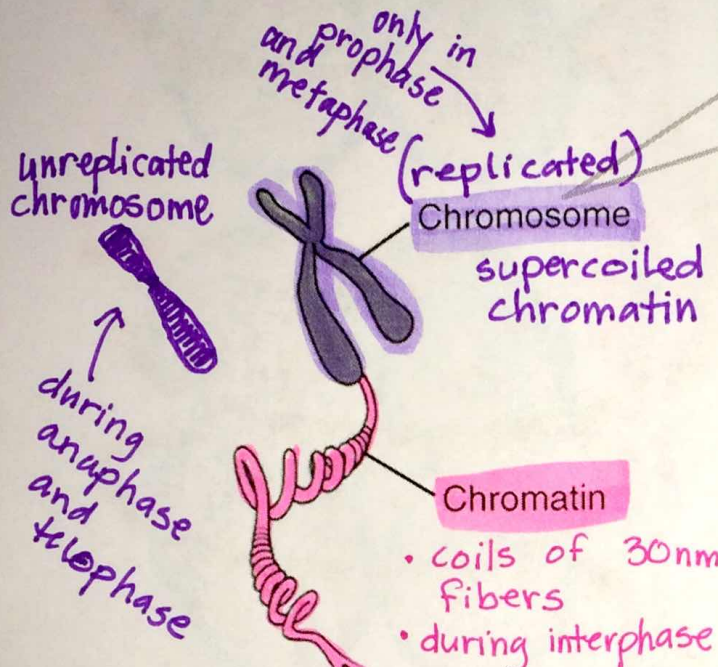


Eukaryotic DNA → Chromosome

- ↳ Linear DNA molecule
- ↳ wrapped around proteins

Why does DNA condense into chromosome?

- 1) it's easier to move during cell division
- 2) so it fits into the nucleus
 - ↳ nucleus is $\approx 5 \mu\text{m}$
 - ↳ uncoiled DNA is $\approx 50,000 \mu\text{m}$



ATGACGGATCAGCCGCAAGCGGAATTGGCGACATAA
 TACTGCCTAGTCGGCGTTTCGCCTTAACCGCTGTATT

← polymer of nucleotides →

