

# Cell Growth & Division

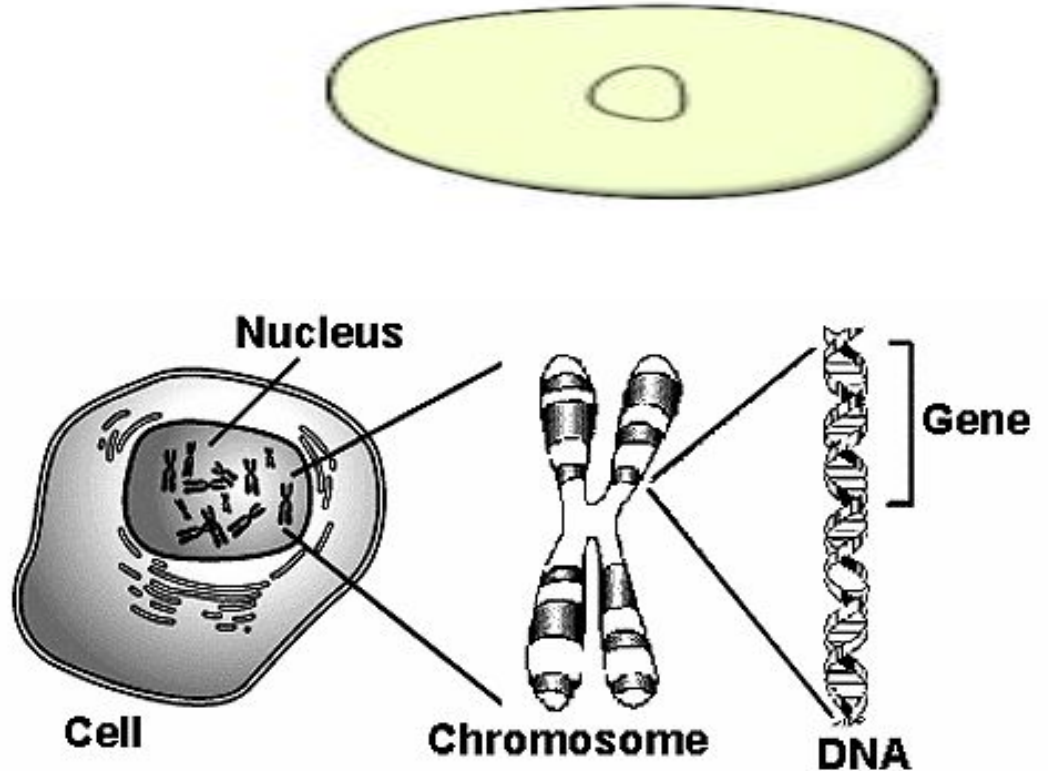


Chapter 10

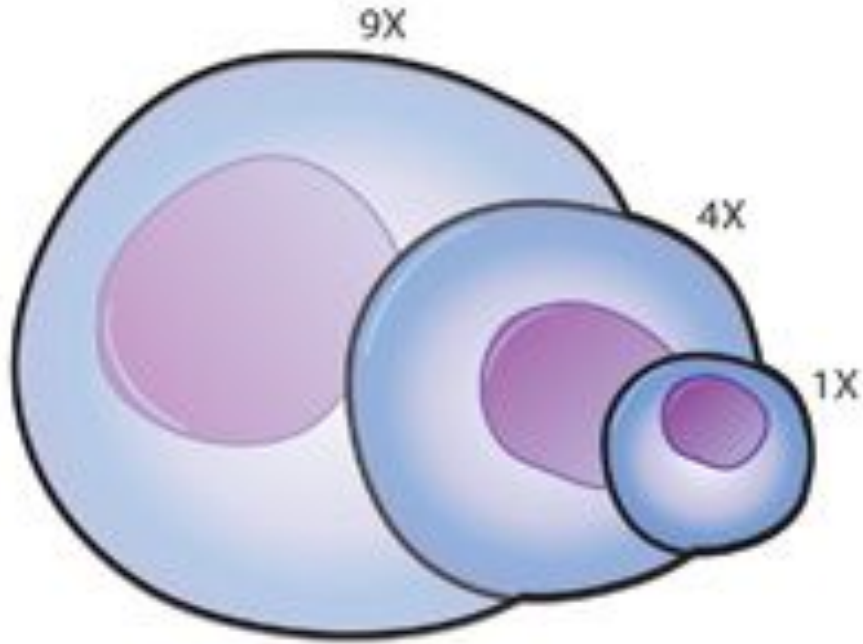
# Chapter 10.1 Cell Growth

Cells will grow and then divide, rather than grow indefinitely.

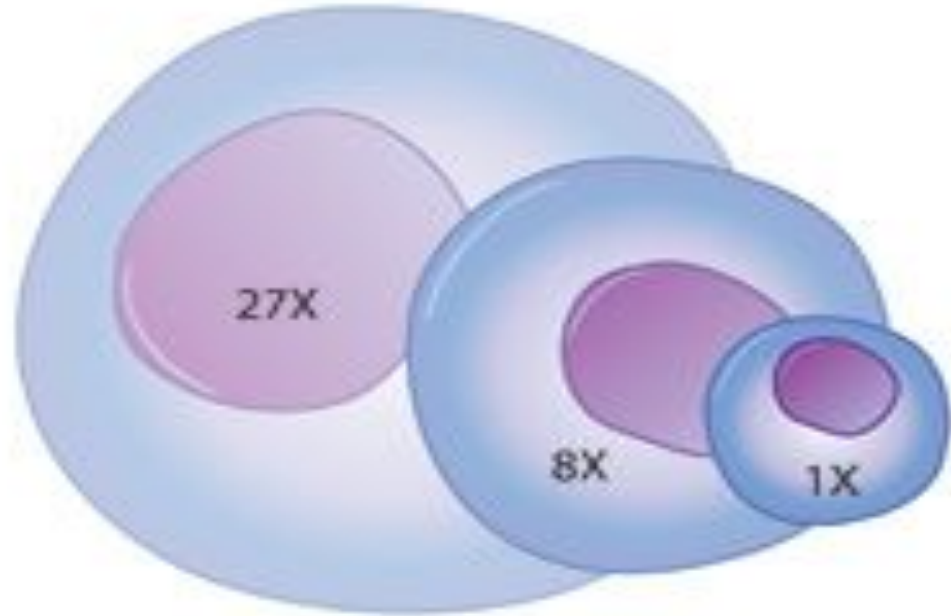
If a cell continued to grow, the DNA would not be able to serve the needs of the larger cell.



**Surface area** determines how much food can go in and how much waste can go out

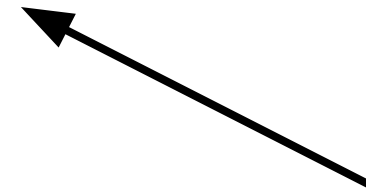


**Volume** determines how much food is needed and how much waste is produced





I'm  
STARVING!



**Sad  
cell**