









Cell size is limited.			
Relative size	ı-[)	2-	3-
Surface area (length × width × number of sides)	6	24	54
Volume (length × width × height)	1	8	27
Ratio of surface area to volume	$\frac{6}{1} = 6:1$	$\frac{24}{8} = 3:1$	$\frac{54}{27} = 2:1$
RA			















Section 5.2: Mitosis and Cytokinesis

- DNA condenses into chromosomes at the start of mitosis.
- DNA wraps or coils tightly around proteins called <u>histones</u> causing it to condense.

















-3rd phase of mitosis.

-The centromeres split apart, and the sister chromatids separate.

-The chromatids are pulled apart to opposite sides of the cell.













































