

MITOSIS QUESTIONS

1) If the chromosome number of a typical cell is 16 before Mitosis, what is the chromosome number of each newly formed nucleus after nuclear division has taken place?

2) Why must the DNA be duplicated during the S phase of the cell cycle, prior to mitosis?

3) Observe the sketches to the right and below labeled A-E and identify the stage of mitosis in each.

A _____
B _____
C _____
D _____
E _____

