

All About Mitosis & Meiosis

Compare and Contrast: Mitosis and Meiosis

Plants have both _____ & _____ in their plasma membrane

Bacteria have _____ in their cell walls.

What's the difference between a nucleus and nucleolus? What cells are they found?

The cytoskeleton is made up of what that give the cell structure? What are they made of?

What is so unique about mitochondria and chloroplasts?

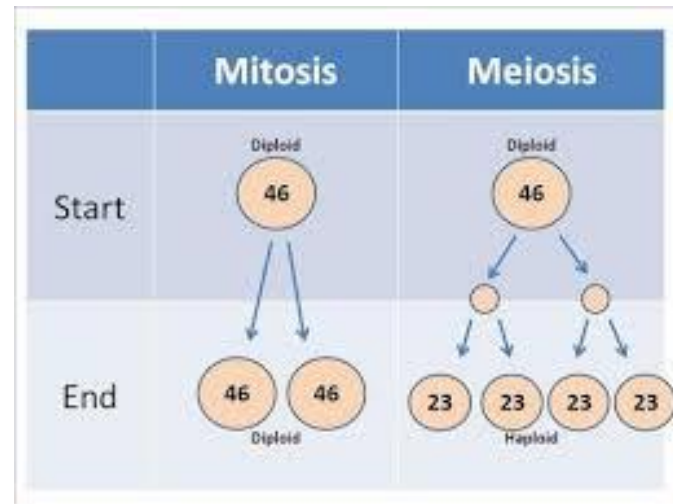
Draw the 4 centromere locations and label each. For those that apply, also label the p and q arms.

Brian dump: How and when do the sister chromatids get pulled apart? Include seperase, cohesion, shugosin, and kinetochore proteins.

What stage in interphase do cancer cells skip?

List all stages of mitosis. Which of these stages gets “skipped” in meiosis?

Describe each phase of mitosis:



What is crossing over? Why is it important? Does it happen in both mitosis and meiosis?

Why does meiosis have 2 stages?

Describe the stages of spermatogenesis:

Describe the stages of oogenesis:

Starting from an ootid, describe the initial stages and what happens after fertilization:

