

Meiosis - Critical Thinking

1. Why do we need to have a separate process for dividing sex cells that's different than "regular" cell division, from a chromosome number standpoint? Explain. (+2)
2. Why do we need to have a separate process for dividing sex cells that's different than "regular" cell division, from a "survival of the species" standpoint? Explain. (+2)
3. Explain why metaphase 1 of meiosis makes the process different than mitosis. Consider the differences between metaphase 1 and metaphase in your answer. (+2)
4. Why don't the cells go through Interphase immediately following the first set of meiosis divisions (after Telophase 1)? Explain.
5. Explain why so many sperm are needed for continuation of life as we know it (+2)

