Cell Cycle Study guide

1. Explain ploidy
2. What ploidy do humans have
3. Explain mitosis
4. List the three reasons for mitosis
5. Define cell cycle
6. Define genetic screening-why is it used
7. List the stages of mitosis and meiosis
8. How many cells does each produce
9. Define crossing over
10. Define nondisjunction
11. Define independent assortment
12. Explain the two types of human cells
13. Explain the two types of chromosomes
14. Draw a chromosome and label all the parts
15. Give two examples of cyclins
16. Explain meiosis
17. How many cells are produced in mitosis versus meiosis
18. How many chromosomes are there in mitosis versus meiosis
19. Where do polar bodies come from
20. How many chromosomes do humans have
21. What are cell plates used for
22. What are the parts of interphase