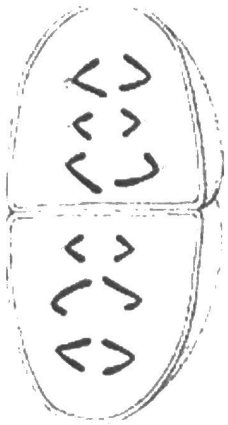
Name Key Period_____ #_____

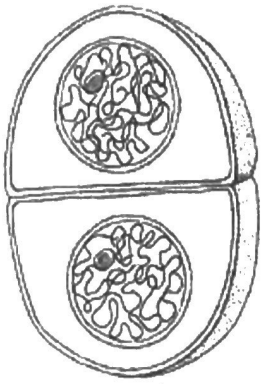
Meiosis Practice Worksheet

On each of the images, label the phase of meiosis:

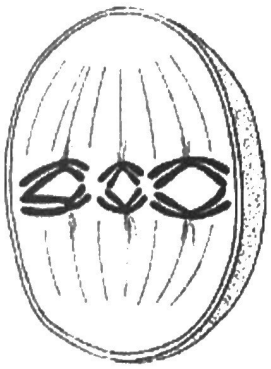
1. Anaphase II



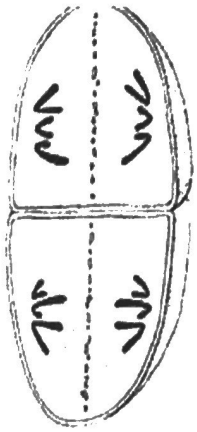
2. Cytokinesis I



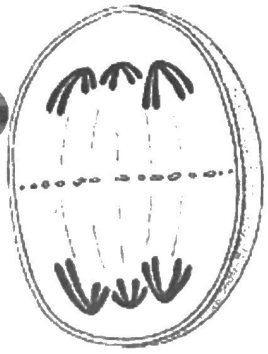
3. Metaphase I



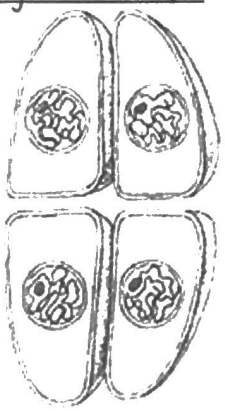
4. Telophase II



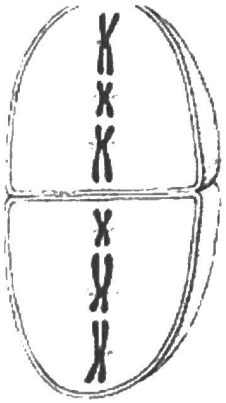
5. Telophase I



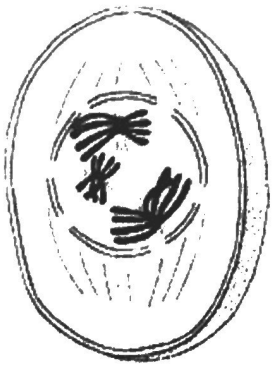
6. Cytokinesis II



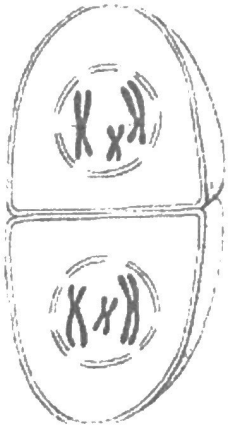
7. Metaphase II



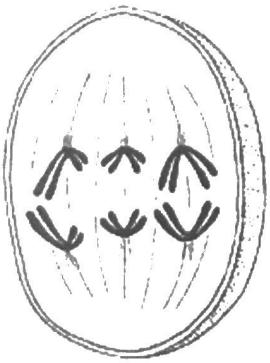
8. Prophase I



9. Prophase II



10. Anaphase I



Fill in the blank:

11. A cell with a diploid number of 20, undergoes meiosis. This will produce 4 daughter cells, each with 10 chromosomes.

12. Crossing over occurs during this phase: Prophase I

13. Tetrads line up along the equator during this phase: Metaphase I

14. At the end of meiosis I, 2 daughter cells are created.

These daughter cells are [diploid | haploid].

15. Meiosis creates what type of cell: gamete

Fill in the Blank with the proper phase of Meiosis (Interphase will be used).
Then put a number to identify the order of the phases. (1st, 2nd, 3rd, etc...)

Phase	Order	
16. Metaphase II	6	homologous chromosome line up in the center of the cell
17. Anaphase I	4	spindle fibers pull homologous pairs to ends of the cell
18. Telophase II	9	4 haploid (N) daughter cells form
19. Interphase	1	cells undergo a round of DNA replication
20. Anaphase II	7	sister chromatids separate from each other
21. Telophase I	5	2 ~~di~~ha ploid (~~2~~N) daughter cells form
22. Prophase I/Metaphase I	3	spindle fibers attach to the homologous chromosome pairs
23. Anaphase II	8	individual chromatids move to each end of the cell
24. Prophase I	2	crossing-over (if any) occurs