Name:		Row:
	Dates	Period

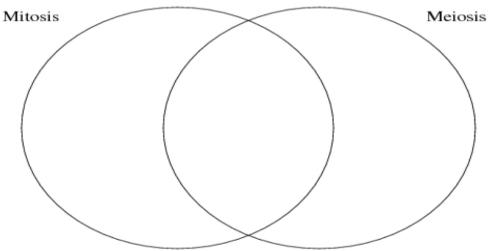
Mitosis vs. Meiosis Worksheet

Mitosis

- What are the main purposes of mitosis? ______
- 2. Mitosis is part of what cycle?
- 3. What type of cell undergoes mitosis? Circle one: reproductive sex cells or somatic cells
- How does a daughter cell compare to the parent cell after undergoing mitosis?
 Circle one: <u>identical to the parent</u> or <u>different than the parent</u>
- 5. Does mitosis make haploid or diploid cells? Circle one: haploid or diploid
- What n value are cells made by mitosis? Circle one: n or 2n or 4n

Meiosis

- What type of cell undergoes meiosis? Circle one: reproductive sex cells or somatic cells
- 9. What are gametes used for?
- 10. Does meiosis make haploid or diploid cells? Circle one: haploid or diploid
- 11. What *n value* are cells made by meiosis? Circle one: <u>n</u> or <u>2n</u> or <u>4n</u>
- 12. How does a daughter cell compare to the parent cell after undergoing meiosis? Circle one: <u>identical to the parent</u> or <u>different than the parent</u>
- 13. What process in prophase 1 of meiosis makes every gamete different?______
- 14. Compare and contrast mitosis and meiosis by filling in the Venn diagram below.



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