

Name _____

Date ____ / ____ / ____

COMPARING AND CONTRASTING MITOSIS AND MEIOSIS

Place check marks in the appropriate column(s) to indicate whether the listed items apply to mitosis, meiosis or both.

	Mitosis	Meiosis
1. no recombination of homologs occurs		
2. two cell divisions		
3. produces four daughter cells		
4. associated with asexual reproduction and growth		
5. associated with sexual reproduction		
6. one cell division		
7. produces two daughter cells		
8. chromosomes are duplicated		
9. chromosome number is maintained		
10. chromosome number is halved		
11. homologous chromosomes may perform crossing-over		
12. daughter cells are the same as parent cell		
13. daughter cells are not the same as parent cell		
14. This produces gametes		
15. synapsis occurs in prophase		