

Name \_\_\_\_\_

# Comparing Mitosis and Meiosis

Determine whether each characteristic applies to mitosis, meiosis, or both by putting a check in the appropriate column(s).

	<b>Mitosis</b>	<b>Meiosis</b>
1. no pairing of homologs occurs		
2. two divisions		
3. four daughter cells produced		
4. associated with growth and asexual reproduction		
5. associated with sexual reproduction		
6. one division		
7. two daughter cells produced		
8. involves duplication of chromosomes		
9. chromosome number is maintained		
10. chromosome number is halved		
11. crossing over between homologous chromosomes may occur		
12. daughter cells are identical to parent cell		
13. daughter cells are not identical to parent cell		
14. produces gametes		
15. synopsis occurs in prophase		