

NAME

Mitosis and Meiosis Comparison

Fill in the blanks comparing mitosis and meiosis

	Mitosis	Meiosis
Purpose of the process		
Type of reproduction		
Number of daughter cells produced		
Number of divisions		
Genetically identical or different daughter cells (compared to each other)		
Contains homologous chromosomes		
Chromatin condenses into chromosomes		
Type of cells produced		
Daughter cells compared to parent cells (identical or different)		
Haploid or diploid daughter cells		
Crossing over occurs		
Interphase occurs		

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Mitosis and Meiosis Venn Diagram

Fill in the Venn diagram using the information below

2 daughter cells, produces sex cells, DNA replication occurs, 4 daughter cells, 2 divisions, chromatin condenses into chromosomes, homologous chromosomes pair up, 1 division, chromosome # stays the same, asexual reproduction, chromosome # divided in half, interphase, sexual reproduction, produces body cells, crossing over occurs, cytokinesis

MITOSIS

MEIOSIS

