

Name answer key

Date _____

MITOSIS VS MEIOSIS

WORKSHEET

Determine whether the following characteristics apply to mitosis, meiosis or both by putting a check in the appropriate column(s).

	MITOSIS	MEIOSIS
no pairing of homologs occurs	X	
two divisions		X
four daughter cells produced		X
associated with growth and asexual reproduction	X	
associated with sexual reproduction		X
one division	X	
two daughter cells produced	X	
Involves duplication of chromosomes	X	X
chromosome number is maintained	X	
chromosome number is halved		X
crossing over between homologous chromosomes may occur		X
daughter cells are identical to parent cell	X	
daughter cells are not identical to parent cell		X
produces gametes		X
synapsis occurs in prophase		X