

CHAPTER 16	Comparing Meiosis and Mitosis Worksheet Answer Key	BLM 16.3.5A
ANSWER KEY		

Factor	Mitosis	Meiosis
Type of cell(s) involved	Somatic cells	Germ cells
Number of rounds of division in one complete cycle	1	2
Number of duplications of chromosomes	1	1
Number of cells resulting from one complete cycle	2	4
Chromosome number of parent cell (human)	2n	2n
Chromosome number of resulting cells (human)	2n	n
Role of resulting cells (human)	Body function	Sexual reproduction
Function of division process	Exact duplication of parent cell	Creation of gametes