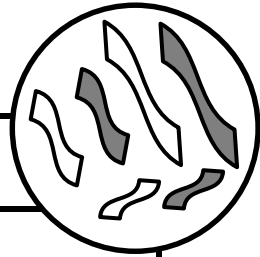
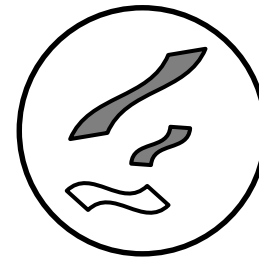
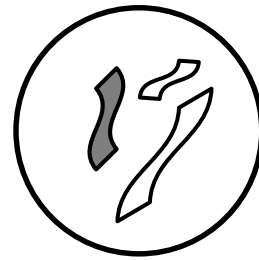


Directions: cut and paste the answers to show how mitosis and meiosis are DIFFERENT. Based on the given starting cell, cut and paste the daughter cells under the correct process.



	Mitosis	Meiosis
Definition		
Purpose		
Types of Cells Produced		
Number of Daughter Cells		
Ending Number of Chromosomes in Daughter Cells		
Daughter Cells Compared to Original Cell		
Daughter Cells Compared to Each Other		
Picture of Daughter Cells		



The process by which the number of chromosomes is reduced by half to form sex cells	Ends with 4 daughter cells
Body Cells	Ends with half the number of chromosomes as the starting cell
To make cells for growth	The ending daughter cells have half the genetic material as the original cell
Sex Cells: Sperm & Egg	Ends with 2 daughter cells
Ends with the same number of chromosomes as the starting cell	The ending daughter cells are genetically different from each other (each contains different genes)
The ending daughter cells look genetically identical to each other (they all contain the same genes)	To make cells for reproduction
The process by which a cell makes an exact copy of itself, resulting in two identical cells	The ending daughter cells look genetically identical to the original cell