

**Chapter 11 Introduction to Genetics** **Graphic Organizer**

**Compare/Contrast Table**

**Comparing Processes**

*Using information from the chapter, complete the compare/contrast table below. If there is not enough room in the table to write your answers, write them on a separate sheet of paper.*

	<b>Mitosis</b>	<b>Meiosis</b>
<b>Function</b>	Growth; regeneration of new cells	1.
<b>Location in Body</b>	All body cells	2.
<b>Number of Daughter Cells</b>	3.	Four
<b>Change in Chromosome Number</b>	4.	5.
<b>Number of Phases</b>	Four	6.
<b>Number of Cell Divisions</b>	One	7.
<b>Difference in DNA Between Parent Cell and Daughter Cells</b>	8.	Homologous chromosomes assort independently, so each gamete has a unique combination of alleles

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