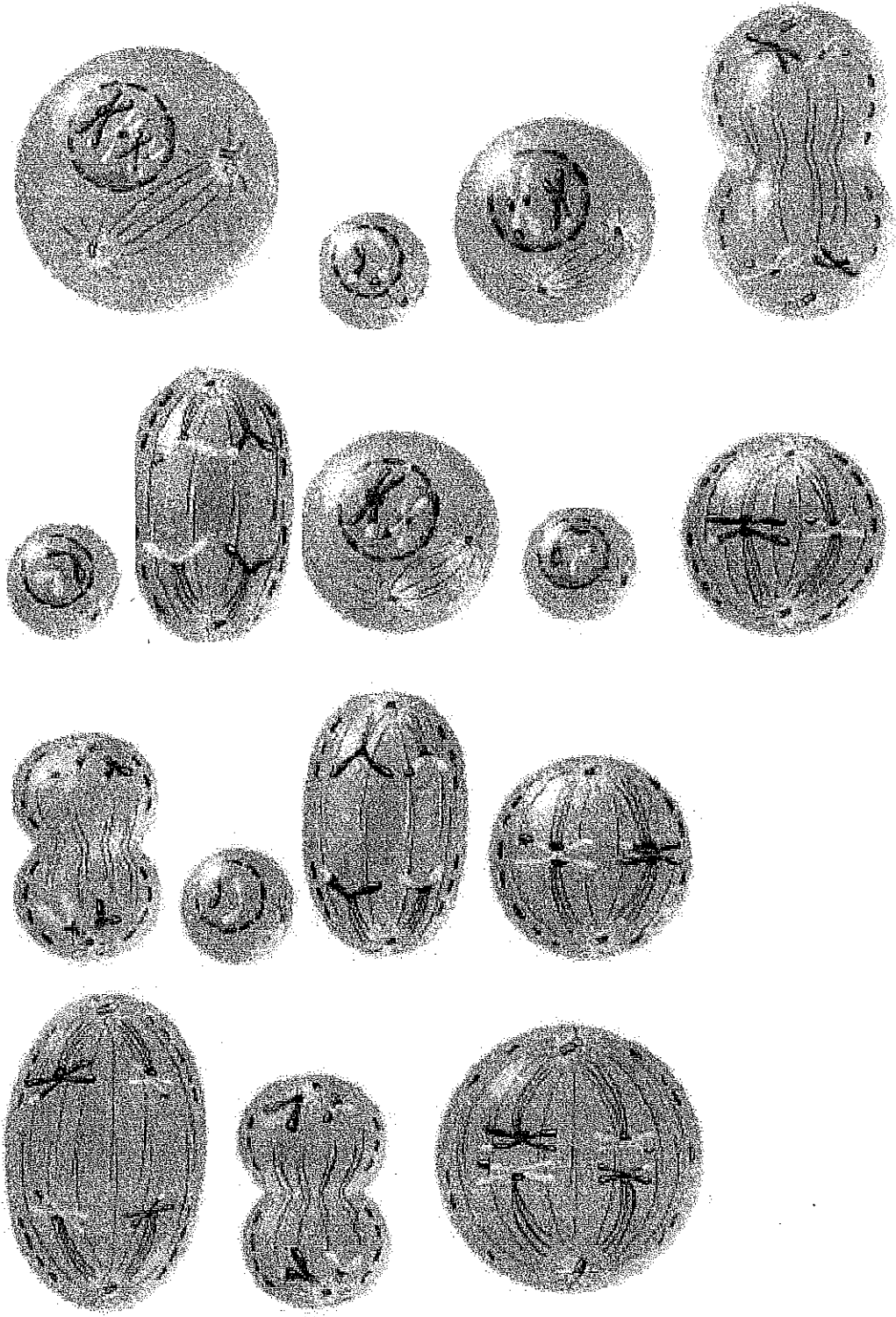


# MEIOSIS WORKSHEET – KNOWING THE STEPS IN CREATING YOUR GAMETES!

Instructions: Below are drawings in the stages of meiosis. Cut these out and put them in the proper order for meiosis on the next sheet provided. You will also need to record the main events that are happening at each stage.



**Knowing the Steps of Meiosis Data Worksheet**

PASTE THE PROPER CELL CUT-OUT IN THE CORRECT PHASE, CIRCLE CORRECT ANSWERS, AND WRITE BASIC EVENTS OF EACH PHASE.

<p><b>INTERPHASE I</b>  <b>Is there an interphase?</b> Yes / No  <b>Does DNA replicate?</b> Yes / No</p>	<p><b>INTERPHASE II</b>  <b>Is there an interphase?</b> Yes / No  <b>Does DNA replicate?</b> Yes / No</p>
<p><b>PROPHASE I</b></p>          <p><b>Number of chromosomes:</b> <math>n / 2n / 4n</math>  <b>Genetics of chromosomes:</b> identical / different  <b>Events of Phase:</b> _____          _____          _____          _____          _____          _____</p>	<p><b>PROPHASE II</b></p>          <p><b>Number of chromosomes:</b> <math>n / 2n / 4n</math>  <b>Genetics of chromosomes:</b> identical / different  <b>Events of Phase:</b> _____          _____          _____          _____          _____          _____</p>
<p><b>METAPHASE I</b></p>          <p><b>Number of chromosomes:</b> <math>n / 2n / 4n</math>  <b>Genetics of chromosomes:</b> identical / different  <b>Events of Phase:</b> _____          _____          _____          _____          _____</p>	<p><b>METAPHASE II</b></p>          <p><b>Number of chromosomes:</b> <math>n / 2n / 4n</math>  <b>Genetics of chromosomes:</b> identical / different  <b>Events of Phase:</b> _____          _____          _____          _____          _____</p>

**ANAPHASE I**

**Number of chromosomes:**  $n / 2n / 4n$   
**Genetics of chromosomes:** identical / different  
**Events of Phase:** \_\_\_\_\_

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**ANAPHASE II**

**Number of chromosomes:**  $n / 2n / 4n$   
**Genetics of chromosomes:** identical / different  
**Events of Phase:** \_\_\_\_\_

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**TELOPHASE I AND CYTOKINESIS**

**Number of chromosomes:**  $n / 2n / 4n$   
**Genetics of chromosomes:** identical / different  
**Total number of cells:** \_\_\_\_\_  
**Events of Phase:** \_\_\_\_\_

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**TELOPHASE II AND CYTOKINESIS**

**Number of chromosomes:**  $n / 2n / 4n$   
**Genetics of chromosomes:** identical / different  
**Total number of cells:** \_\_\_\_\_  
**Events of Phase:** \_\_\_\_\_

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