

Name: \_\_\_\_\_

Period: \_\_\_\_\_

## Sexual Reproduction and Meiosis Weekly Planner

**Create** a table to record your daily warm up score.

Warm Up Date	Percentage
4/3	
4/4	
4/5	
4/6	

**Define** the following terms:

**diploid:**

**egg :**

**fertilization:**

**haploid:**

**homologous chromosomes:**

**meiosis:**

**sexual reproduction:**

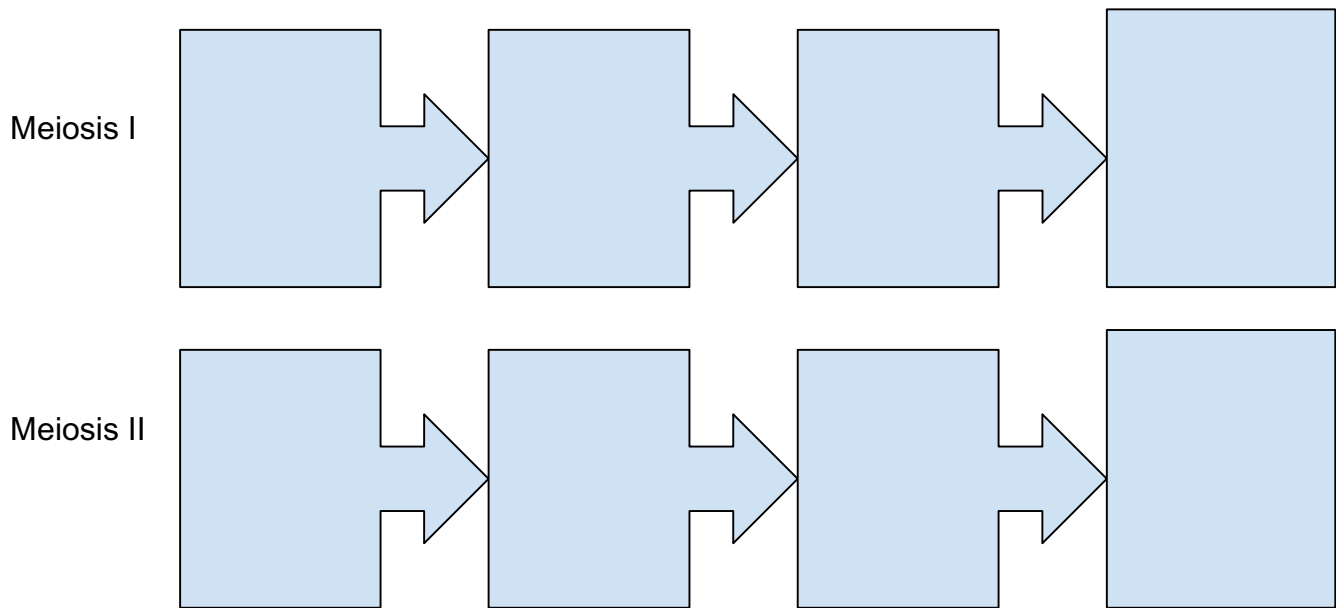
**sperm:**

**zygote:**

### Sexual Reproduction and Meiosis: 4.1 review

1. **Use the terms** *egg*, *sperm*, and *zygote* in a sentence.
  
2. **Distinguish** between diploid and haploid.

3. **Define** *homologous chromosomes* in your own words.
  
4. **Define** sexual reproduction.
  
5. Homologous Chromosomes separate during which phase of meiosis?
  - a. anaphase I
  - b. anaphase II
  - c. metaphase I
  - d. metaphase II
  
6. **Complete** the graphic organizer below by filling in the sequence the phases of meiosis I and meiosis II.



7. **Math Skills:** If 15 cells undergo meiosis, how many daughter cells would be produced?
  
8. **Math Skills:** If each daughter cell from question 7 undergoes meiosis, how many new daughter cells would appear?

9. **Determine** an advantage sexual reproduction has for organisms.

10. **Compare** in the table below characteristics of Meiosis and Mitosis.

<b>Characteristics</b>	<b>Meiosis</b>	<b>Mitosis</b>
Types of Cells		
# of chromosomes in parent cell		
# of divisions of the Nucleus		
# of Daughter cells		
# of Chromosomes in daughter cells		
Function		