## Key Concept Builder

**LESSON 1** 

## Sexual Reproduction and Meiosis

**Key Concept** What is the order of the phases of meiosis, and what happens in each phase?

**Directions:** Work with a partner. On each line, write the term or phrase that correctly completes each sentence.

Meiosis I						
Phase	Description					
Prophase I	<ol> <li>Chromosomes that are duplicated during</li> <li>remain sister chromatids.</li> <li></li> </ol>	join and form pairs.				
	3. The membrane surrounding the nucleus	<del></del> '				
Metaphase I	<ul><li>4. Homologous chromosome pairs align along the of the cell.</li><li>5</li></ul>	Elegan attack to cook wain				
Anaphase I	<b>6.</b> Pairs of duplicated and are pulled toward opposite ends of the cell.	_ chromosomes separate				
	7	stay together.				
Telophase I	A nuclear membrane forms around each group of cytoplasm divides forming  9.	daughter cells.				

Meiosis II						
Phase		Description				
Prophase II	10.		do not duplicate. breaks apart.			
Metaphase II	11.	Sister chromatids	along the middle of the cell.			
Anaphase II	12.	Sister chromatids of each duplicated ch	and move			
Telophase II	13.	A nuclear membrane forms around each set of chromatids, which are again called				
	14.	The cytoplasm divides, and	cells form.			
	15.	Each cell hasas the original cell.	the number of chromosomes			