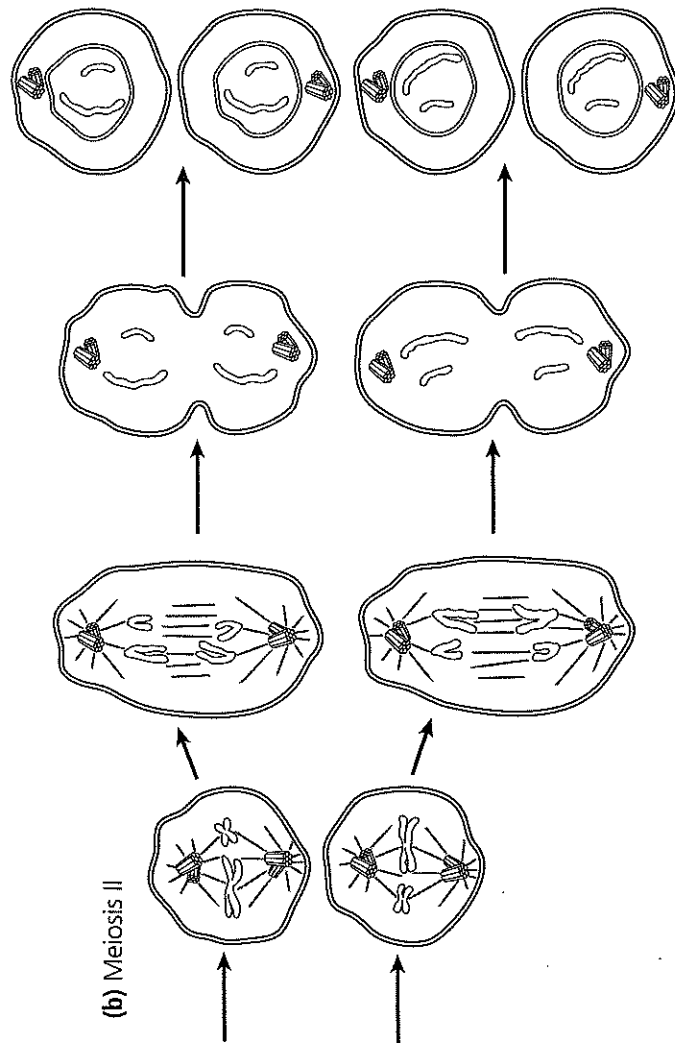
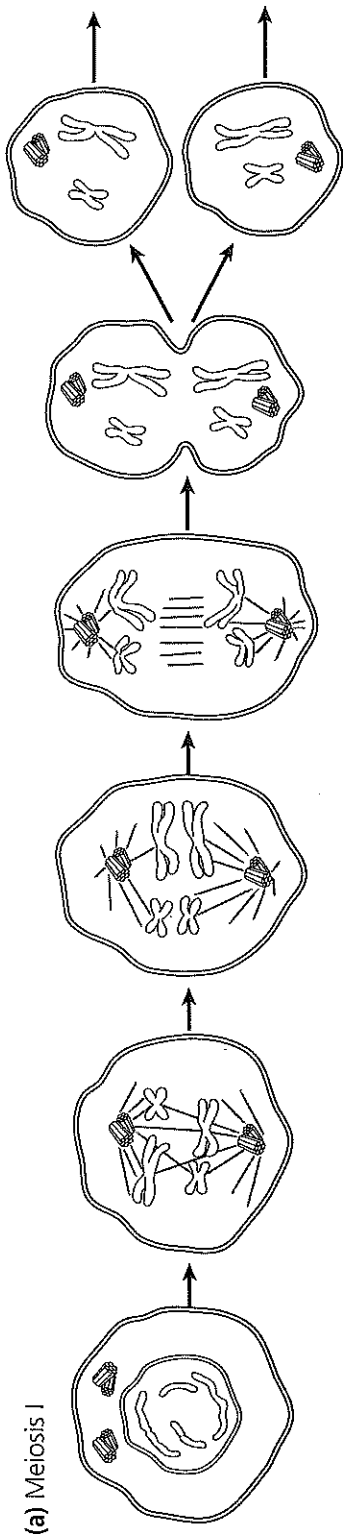


Stages of Meiosis

Label the stages of meiosis I and meiosis II and briefly explain what is happening at each stage.



Name: _____

Date: _____

Sexual Reproduction and the Diversity of Life

Key Question: What accounts for the diversity of life on Earth?

BEFORE YOU READ

Preview Section 3.2. Look at the headings. Read the first and last sentence in each paragraph. Study the figures and read the captions. On the lines below, predict what you will learn by reading this section.

WHILE YOU READ

Pause and think as you read. After you read the text under each heading and subheading, pause and write brief notes or make sketches in column 2.

Heading	Ideas to remember
Fertilization Produces Diploid Cells	
Diversity Among Offspring	

Name: _____

Date: _____

3.2

Sexual Reproduction and the Diversity of Life (continued)

Heading	Ideas to remember
Comparing Sexual and Asexual Reproduction	
Advantages and Disadvantages of Sexual Reproduction	
Advantages and Disadvantages of Asexual Reproduction	

AFTER YOU READ

Compare your completed chart with that of another student. What information is the same? What information is different?

Name: _____

Date: _____

A Comparison of Sexual and Asexual Reproduction

Both sexual and asexual reproduction have their advantages and disadvantages. Review what you have learned about the key features of these two methods of reproduction and then complete the chart below.

	Asexual reproduction	Sexual reproduction
number of parents		two
number of offspring	usually many	
variety of offspring		genetically different
speed of reproduction	usually fast	
timing	any time, once mature	