

Goal • Evaluate your understanding of meiosis.

What to Do

Read the instructions before answering each set of questions.

Fill in the Blanks

In the spaces provided, write the word or phrase that best completes the sentence.

- _____ is a process of cell reproduction that results in four sex cells.
- The two strands of a chromosome that has duplicated are called _____.
- Meiosis occurs in the _____ of the male and in the _____ of the female.
- Meiosis in males begins at _____.
- Meiosis in females begins before _____ and stops until age _____.

Longer Answer

Write complete sentences to answer the following questions.

- What is the difference in the end products between meiosis and mitosis?

- Describe the process of meiosis.

- Why must sex cells form by meiosis rather than mitosis? Use chromosome numbers for a human to help explain your answer.
