

**School to Home**

**LESSON 1**

***Sexual Reproduction and Meiosis***

**Directions:** Use your textbook to answer each question.

- 1. The production of an offspring resulting from the combination of genetic materials of two different cells is called sexual reproduction.**

How is a zygote formed in sexual reproduction?

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- 2. Diploid cells have pairs of chromosomes, whereas haploid cells have only one chromosome from each pair.**

Which cells are sex cells, diploid cells or haploid cells?

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- 3. Meiosis and mitosis are similar processes in which an organism produces new cells.**

What are the differences between the processes of meiosis and mitosis?

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- 4. Meiosis produces cells that are not genetically identical to the parent cell.**

What are the advantages and disadvantages of sexual reproduction?

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