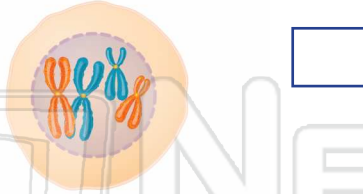




Name _____ Class _____ Date _____

1 The cell below is going through **meiosis**. It is in _____.

- A Prophase I
- B Prophase II
- C Metaphase I
- D Metaphase II



2 In a **male organism**, a cell going through **meiosis** will produce _____ **sperm cells**.

- A 1
- B 2
- C 4
- D 8



3 What is a **polar body**?

- A a male sex cell that has a mutation
- B a female sex cell that has a mutation
- C a chromosome that has crossed over

4 The process of **meiosis only** creates **sex cells**.

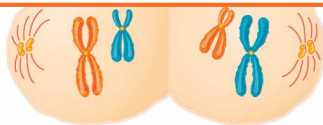
True or false?



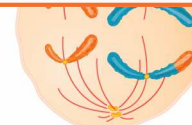
PREVIEW

7 Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- A True
- B False



- C Anaphase I
- D Anaphase II



9 Match the term with the correct definition.

<input type="checkbox"/> meiosis I	A. genetically different sex cells are formed
<input type="checkbox"/> meiosis II	B. homologous chromosomes find each other and move close together
<input type="checkbox"/> synapsis	C. homologous chromosomes are separated into different daughter cells and the chromosome number is reduced by half
<input type="checkbox"/> mitosis	

10 Match the term with the correct definition.

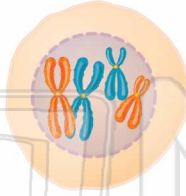
<input type="checkbox"/> chromatin	A. two identical copies of a chromosome
<input type="checkbox"/> chromatids	B. thread-like DNA in the nucleus of a cell
<input type="checkbox"/> centromere	C. a maternal and paternal chromosome that are the same length & have genes that code for the same characteristics
<input type="checkbox"/> homologous chromosomes	



Name _____ Class _____ Date _____

1 The cell below is going through **meiosis**. It is in _____.

- A Prophase I
- B Prophase II
- C Metaphase I
- D Metaphase II



A

2 In a **male organism**, a cell going through **meiosis** will produce _____ **sperm cells**.

- A 1
- B 2
- C 4
- D 8



C

3 What is a **polar body**?

- A a male sex cell that has a mutation
- B a female sex cell that has a mutation
- C a chromosome that has crossed over

D

4 The process of **meiosis only** creates **sex cells**.

True or false?



A

5



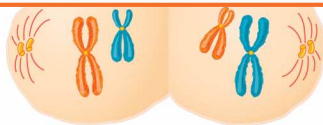
A

PREVIEW

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7

- A True
- B False



C

- C Anaphase I
- D Anaphase II



D

9

Match the term with the correct definition.

- | | | |
|----------------------------|-------------------|--|
| <input type="checkbox"/> C | meiosis I | A. genetically different sex cells are formed |
| <input type="checkbox"/> A | meiosis II | B. homologous chromosomes find each other and move close together |
| <input type="checkbox"/> B | synapsis | C. homologous chromosomes are separated into different daughter cells and the chromosome number is reduced by half |
| <input type="checkbox"/> | mitosis | |

10

Match the term with the correct definition.

- | | | |
|----------------------------|-------------------------------|--|
| <input type="checkbox"/> B | chromatin | A. two identical copies of a chromosome |
| <input type="checkbox"/> A | chromatids | B. thread-like DNA in the nucleus of a cell |
| <input type="checkbox"/> | centromere | C. a maternal and paternal chromosome that are the same length & have genes that code for the same characteristics |
| <input type="checkbox"/> C | homologous chromosomes | |