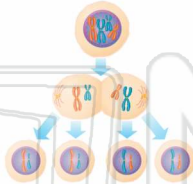




Name _____ Class _____ Date _____

1 A **process** that reduces the total number of **chromosomes to half** and **forms the sex cells** is called _____.

- A mitosis
- B meiosis
- C replication
- D reduction



2 If an organism has **16 chromosomes** in its **body cells**, how many chromosomes would its **egg cells** have?

- A 32
- B 8
- C 6
- D 12



3 The **sperm cell** of a fox contains **30** chromosomes. How many chromosomes would you find in a **body cell** of a fox?

- A 15



4 **Crossing-over** occurs in _____.

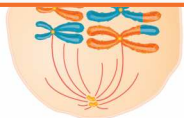
- A Mitosis
- B Meiosis I



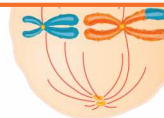
PREVIEW

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5
C Metaphase I
D Metaphase II

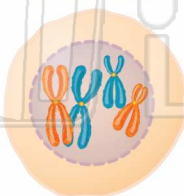


- C Metaphase I
- D Metaphase II



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

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



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

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

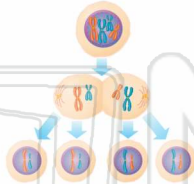




Name _____ Class _____ Date _____

1 A **process** that reduces the total number of **chromosomes to half** and **forms the sex cells** is called _____.

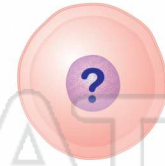
- A mitosis
- B meiosis
- C replication
- D reduction



(B)

2 If an organism has **16 chromosomes** in its **body cells**, how many chromosomes would its **egg cells** have?

- A 32
- B 8
- C 6
- D 12



(B)

3 The **sperm cell** of a fox contains **30** chromosomes. How many chromosomes would you find in a **body cell** of a fox?

- A 15



(C)

4 **Crossing-over** occurs in _____.

- A Mitosis
- B Meiosis I



(B)

5



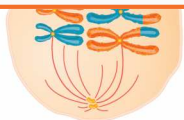
(A)

PREVIEW

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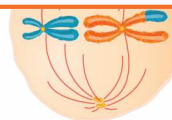
7

- C Metaphase I
- D Metaphase II



(C)

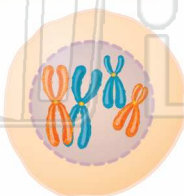
- C Metaphase I
- D Metaphase II



(D)

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

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



(A)

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

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



(C)