

Name: _____

Date: _____

Quiz name: Comparing Mitosis & Meiosis

1. The number of cells produced by meiosis is _____ the number of cells produced by mitosis.

- (A) one-fourth
 - (B) half
 - (C) equal to
 - (D) twice
 - (E) four times
-

2. The number of chromosomes in daughter cells produced by meiosis is _____ the number of chromosomes in daughter cells produced by mitosis.

- (A) one-fourth
 - (B) half
 - (C) equal to
 - (D) twice
 - (E) four times
-

3. Which of the following is unique to meiosis?

- (A) nuclear membrane breaks down
 - (B) DNA organizes into chromosomes
 - (C) crossing-over
 - (D) chromosomes align along the central plate of the cell
 - (E) none of the above
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4. Daughter cells produced in meiosis are identical.

- (A) True
 - (B) False
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5. Chromosome duplication occurs prior to both mitosis and meiosis.

- (A) True
- (B) False