

Cell Reproduction



Name Class Date



Which two processes are involved in mitotic cell division?

- A nuclear duplication and cytoplasmic division
- **B** nuclear duplication and cytoplasmic duplication
- C spermatogenesis and cytoplasmic duplication
- D oogenesis and cytoplasmic division



Which diagram best shows the process of binary fission in an amoeba?

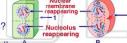
- A
- B ()
- c SC





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Which processes occur in regions 1 and 2 in these cells?



- A synthesis of a cell A B plate at 1, pinching in of the cell membrane at 2
- B pinching in of the cell membrane at 1,



The ability of cells to pass on their characteristics to new cells is most directly related to the ability of

- A cytoplasm to excrete wastes
- D offectors to respond to



PREVIEW



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- **B** centrioles
- C cell plate
- D endoplasmic reticulum



- писіеон иізарреаг
- c centrioles migrate
- D chromosome pairs separate from each other



Which statement is true of **both mitosis** and **meiosis**?

- A Both are involved in asexual reproduction.
- **B** Both occur only in reproductive cells.
- C The number of chromosomes is reduced by half.
- DNA replication occurs before the division of the nucleus



Which phrase best describes a **process** represented in the diagram below?



Fertilized egg

- A a zygote dividing by mitosis
- **B** a zygote dividing by meiosis
- C a gamete dividing by mitosis
- D a gamete dividing by meiosis



Cell Reproduction - Answer Key



Class_ Name Date Which diagram best shows the process of Which two processes are involved in mitotic cell division? binary fission in an amoeba? A nuclear duplication and cytoplasmic A B nuclear duplication and cytoplasmic duplication C spermatogenesis and cytoplasmic duplication D oogenesis and cytoplasmic division Which processes The ability of cells to pass on their 3 occur in regions 1 characteristics to new cells is most and 2 in these cells? directly related to the ability of A synthesis of a cell plate at 1, pinching in of the cell membrane at 2 A cytoplasm to excrete wastes B pinching in of the cell membrane at 1, 5 C **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet C пистеон игоарреат **B** centrioles C centrioles migrate C cell plate D chromosome pairs separate from D endoplasmic reticulum each other Which statement is true of both mitosis Which phrase best describes a process 10 and meiosis? represented in the diagram below? Multicellular organism A Both are involved in asexual reproduction. Fertilized egg **B** Both occur only in reproductive cells. C The number of chromosomes is reduced A a zygote dividing by mitosis B a zygote dividing by meiosis DNA replication occurs before the division C a gamete dividing by mitosis of the nucleus. D a gamete dividing by meiosis