Name:	
Date:	6. Which of the following is NOT a stage of mitosis?
Call Distriction Calculated	A) Telophase B) Cytokinesis
Cell Division Science Worksheet	C) Prophase
TOPIC: CELL DIVISION	
Instructions: Choose the best answer for each question.	D) Metaphase
1. What is the main purpose of cell division in multicellular organisms?	
A) To produce energy	7. What happens during anaphase of mitosis?
B) To grow, repair, and reproduce cells	A) Chromosomes condense and become visible
C) To create different types of cells	B) Chromosomes are pulled apart to opposite sides of the
D) To eliminate waste products	cell
	C) The nuclear membrane dissolves
	D) The cell prepares to split into two
2. Which process results in the formation of two identical	
daughter cells?	
A) Meiosis	8. What is the end result of meiosis?
B) Binary fission	A) Two identical cells with the same number of
C) Mitosis	chromosomes
D) Fertilization	B) Four genetically unique cells with half the number of
	chromosomes
	C) Two genetically unique cells with half the number of
	chromosomes
3. What is the name of the phase where a cell spends	D) Four identical cells with the same number of
most of its life, growing and preparing for division?	chromosomes
A) Cytokinesis	
B) Prophase	
C) Interphase	
D) Anaphase	9. What is cytokinesis?
D) Thiaphase	A) The division of the cell's nucleus
	B) The division of the cell's cytoplasm
	C) The replication of DNA
	D) The alignment of chromosomes
4. During which phase of mitosis do chromosomes align	D) The argument of enfoliosomes
in the center of the cell?	
A) Anaphase	
B) Metaphase	
C) Telophase	10. Why is meiosis important for sexual reproduction?
D) Prophase	A) It produces genetically identical cells
	B) It creates variation in offspring by forming genetically
	different gametes
	C) It ensures that offspring have twice as many
5. In which type of cell division do cells reduce their	chromosomes
chromosome number by half to form gametes? A) Mitosis	D) It allows organisms to reproduce asexually
A) MILLOSIS	

B) Meiosis

C) Cytokinesis
D) Binary fission



Answer Key:

- 1. B
- 2. C
- 3. C
- 4. B
- 5. B
- 6. B
- 7. B
- 8. B
- 9. B 10. B