

Name _____

Date _____

Mitosis vs. Meiosis Formative

1. Why do cells divide differently? Some cells in our bodies are formed through mitosis; other cells are formed through meiosis. Compare and contrast these types of cell division by filling in the chart below.

	Mitosis	Meiosis
Purpose- why does it happen?		
Cell Type (Sex or Body cell?)		
Resulting chromosome count (how does the number of chromosomes in the daughter cells compare to the original cell?)		

2. Based on your chart, answer the following question. Use specific examples and evidence to support your thinking. Use the back of the page if needed.

Why do some cells, like gametes, divide differently than other cells in the human body?
What is the purpose?
