

## Preview for Lecture Assignment

# #5 Cell Division: Mitosis & Meiosis

1. Watch Video.
2. Answer Questions.
3. Write a Summary. Other Options: If you are a visual learner, you are welcome to draw out your summary. If you are an auditory learner, you are welcome to record a verbal summary and submit it electronically.
4. Submit this in the first 5 minutes of class in the lecture we cover this content. Or submit electronically on Canvas before the start of class.

### Chapter 6&7

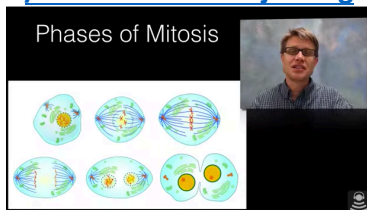
(all of them)

Or

### These Videos:

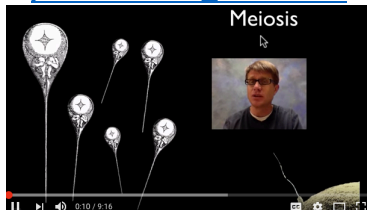
**Vid#1: (Time: 10:41)**

<https://www.youtube.com/watch?v=mXVoTj06zgw>



**Vid#2: (Time: 9:16)**

[https://www.youtube.com/watch?v=rB\\_8dTuh73c](https://www.youtube.com/watch?v=rB_8dTuh73c)



### Questions:

1. Vid1: What is the point of mitosis?
2. Vid1: What is the cell cycle? Draw it and explain the 4 parts.
3. Vid1: Draw out the main phases: Explain what is happening in each

Prophase	Metaphase	Anaphase	Telophase
Draw			
Explain:			

4. Vid2: How is meiosis different than mitosis?

5. Vid2: What are the three ways meiosis makes you unique (7:24) – explain each.

6. Why do you make 4 cells in meiosis and not mitosis?

**Summary:**