

Amoeba Sisters Video Questions

Go to www.biologybynapiet.com, go to the DNA & Cell Cycle Unit, scroll down to today's date. The video is embedded for you. Or you can google Amoeba Sisters Mitosis video.

1. Why is mitosis so important for your body? (Give 2 reasons)
2. Does mitosis include the creation of egg or sperm cells? If not, what does?
3. Why is it important for mitosis to make identical cells?
4. How does cancer affect cell growth?
5. What phase are cells primarily in?
6. What goes on during this phase? (3 things)
7. How much percentage is spent on mitosis?
8. What is the function of the nucleus?
9. How is DNA organized?
10. What is the answer to #9 made of?

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11. How many chromosomes are in the human nucleus?

12. What is the plural of nucleus?

13. What must happen to DNA before mitosis occurs?

14. Define centromere

15. Define chromatid

16.

Stage Number	Stage Name	Is the nucleus present? (Yes/No)	What happens to the chromosomes?
1			
2			
3			
4			

17. What is cytokinesis responsible for?