

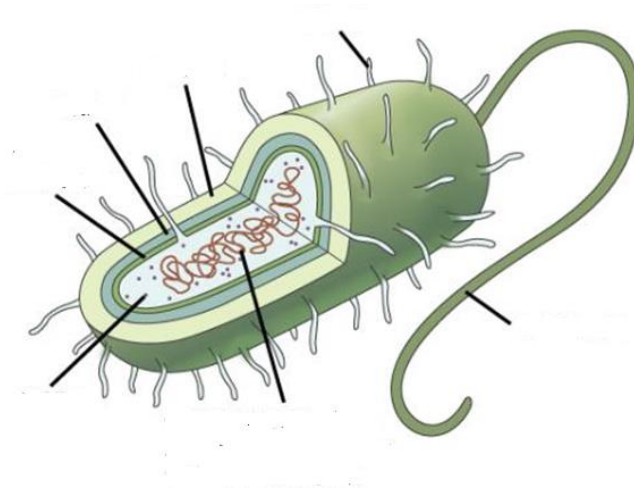
YOU MUST HAND WRITE THESE ANSWERS!

1. What 2 Domains are prokaryotes found in?
2. How many chromosomes do bacteria have?
3. What are Koch's 4 postulates?

4. Are most bacteria pathogenic?
5. What are the differences between Bacteria and Archaeans?

6. Describe the 8 ways prokaryotes differ from eukaryotes that were discussed.

7. Label the parts of the bacteria:



8. What is the difference between a Gram positive and Gram negative bacteria?

9. What color does a Gram positive bacteria stain?

10. What are the 3 typical shapes of bacteria?

11. What are the major groups of Bacteria that were discussed?

12. What is an endospore?

13. What is a photoautotroph?

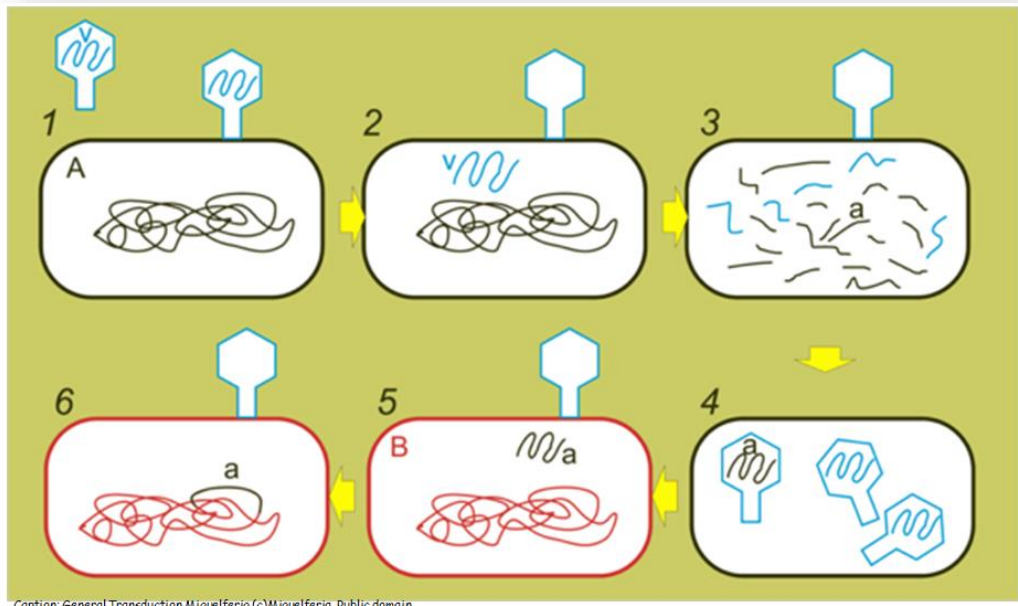
14. What is a chemolithoautotroph?

15. What is a photoheterotroph?

16. What is a chemoheterotroph?

17. In what 3 ways can bacteria accomplish horizontal gene transfer?

18. Label the stages of transduction:



19. What is a plasmid?

20. How do bacteria play a role in the nitrogen cycle?

21. What are the 3 types of symbiosis?