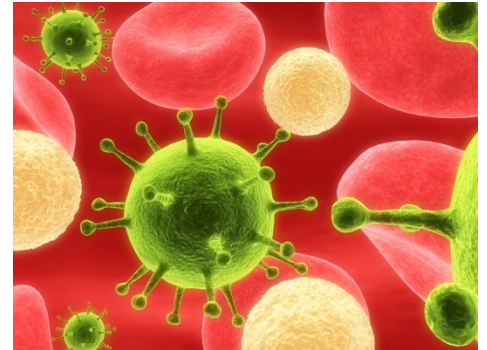


Name: _____ Date: _____

Bacteria are Everywhere! Activity – Post-Assessment Bacteria Survey

Directions

Please answer the following questions to the best of your ability, using your knowledge of bacteria and their growth.



1. Name three factors that bacteria need for their growth.

- a) _____
- b) _____
- c) _____

2. Do bacteria reproduce sexually or asexually? Circle one.

Sexual reproduction

Asexual reproduction

3. How long does it take for a bacterial population to double in size?

- a) 1 minute
- b) 20 minutes
- c) 4 hours
- d) 1 day

4. What temperature is the best for bacterial growth?

- a) 15 °C (59 °F)
- b) 25 °C (77 °F)
- c) 37 °C (98.6 °F)
- d) 45 °C (113 °F)

The following three questions are true or false questions. Circle your answer choice.

- a) Bacteria only grow in darkness. T F
- b) Bacteria are eukaryotes. T F
- c) Bacteria are unicellular organisms. T F

5. Name one reason why scientists would want to grow bacteria in the lab.

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6. Name two methods that scientists use to count bacteria or monitor their growth.

7. Did you enjoy the bacterial growth experiment? Why or why not?

8. Is there anything you would have liked to do differently in the bacterial growth experiment?

9. What did you learn about bacteria?
