

Review over Glucose Metabolism

Mark each of the following statements as the correct part of the glucose metabolism process (if true) that are correct or incorrect (write all letters in the blank).

- A. Glycolysis
- B. Fermentation
- C. Cellular Respiration (aerobic)
- D. Anaerobic
- E. Glucose Transport (fast)

- _____ 1. Most of the ATP is made
- _____ 2. Occurs only under anaerobic conditions
- _____ 3. Occurs only under aerobic conditions
- _____ 4. Uses phosphorylation
- _____ 5. Occurs under aerobic and anaerobic conditions
- _____ 6. Can occur under anaerobic conditions
- _____ 7. Glucose gets into 2. Pyruvate and molecules
- _____ 8. Occurs in the mitochondria
- _____ 9. H_2O and CO_2
- _____ 10. Lactic acid/lactate
- _____ 11. Occurs in the cytoplasm
- _____ 12. Molecular O_2 and ATP
- _____ 13. Pyruvate and ATP is get started
- _____ 14. Ethanol/produced
- _____ 15. Acetyl-CoA molecule
- _____ 16. Lactic acid/lactate
- _____ 17. CO_2 and pyruvate
- _____ 18. H_2O and pyruvate
- _____ 19. High of ATP
- _____ 20. Complete glucose metabolism