**REVIEW!!!!!**

1. What is a reactant in photosynthesis?

2. What is an autotroph?

3. What is a product of photosynthesis?

4. What is a reactant of cellular respiration?

5. What organelle does cellular respiration take place in?

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7. What organelle does photosynthesis take place in?

8. What are two types of passive transport?

9. Does active transport require energy?

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11. Does passive transport require energy?

12. Does active transport go from a high to low concentration, or low to high?

13. What is osmosis? Water moves from a high to low concen.

14. What is diffusion?

15. What is facilitated diffusion?

16. What happens if a cell is placed in a hypotonic solution (will the cell shrink or swell)?

17. Give an example of an autotroph.

18. What speeds up chemical reactions?

19. Are eukaryotes simple or complex?

20. Do prokaryotes contain a nucleus?

21. What structures do plant cells have that animal cells lack?

22. What gas is removed from the atmosphere during photosynthesis?

23. What does cellular respiration break down to release energy?

24. What form of passive transport uses proteins?

25. What stages are found in cellular respiration?