**Cells Practice Questions**

1. What types of substances do cells control to maintain homeostasis?
2. What are the different types of material exchange or cellular transport?
3. Which one uses energy?
4. Which ones are for large solid particles?
5. Which one is for water transport?
6. How is photosynthesis different from cellular respiration?
7. What organelle is responsible for cellular transport?
8. What is homeostasis?
9. What types of cells go through mitosis and why?
10. How do particles travel in diffusion?
11. What is an example of a tree maintaining homeostasis?
12. What is the most important process cells must be able to do to survive?
13. What happens to a cell if it cannot maintain homeostasis?
14. What is mitosis?
15. What is the cell cycle?
16. What is diffusion?
17. What are mitochondria responsible for?
18. What is oxygen used for in cellular respiration?
19. How do plants get their energy?
20. How do animals get their energy?
21. What are the products of photosynthesis?
22. What are the products of cellular respiration?
23. How do we get rid of the waste carbon dioxide from cellular respiration?
24. What pigment absorbs sunlight for photosynthesis?
25. What are examples of producers?
26. What are examples of consumers?
27. What gas do mitochondria use to break down glucose?
28. Explain homeostasis and why we need to do this?
29. Describe photosynthesis.
30. Describe cellular respiration.