



Cells: Practice Activity

Directions: Answer each question to test your knowledge of cells.

1. What is the smallest unit of life?
2. What cells are specialized for the immune system?
3. What organelle(s) do animal cells have that plant cells do not?
4. In what phase of mitosis does the nuclear membrane form?
5. What happens during photosynthesis?
6. How many daughter cells are produced after meiosis?
7. What are the types of metabolism?
8. What is cellular respiration?
9. What is an example of passive transport?
10. What does ATP stand for?
11. How many types of cells are there?
12. What does the nucleus do?
13. What organelle(s) do plant cells have that animal cells do not?
14. How many steps are there in mitosis?
15. What is metabolism?
16. What is the difference between endocytosis and exocytosis?
17. When carbon dioxide comes into a plant, what comes out?
18. What do ribosomes do?



19. What happens during the prophase of mitosis?

20. What are chromosomes made out of?



Answers

1. Cell
2. Stem Cells
3. Lysosomes
4. Telophase
5. Plants use sunlight to get energy (food).
6. 4
7. Carbo, Protein, Mixed
8. Chemical reactions that occur when chemical energy turns into ATP
9. Osmosis
10. Adenosine Triphosphate
11. About 100
12. Controls the cells activities
13. Cell Wall, Chloroplast
14. 5
15. Chemical reactions in the body to maintain life
16. Endocytosis-cells take in large particles and deposit them into the cell
Exocytosis- cells deposit particles outside the cell
17. Oxygen
18. Make proteins
19. Chromosomes form from chromatids with a centromere
20. Chromatids