

Name \_\_\_\_\_

Period \_\_\_\_\_

## Biology For Kids –Cell Processes

**Go to [biology4kids.com](http://biology4kids.com) and click on cell function.**

1) Cells work together in groups and build \_\_\_\_\_

2) Organelles are \_\_\_\_\_

3) The larger a cell becomes \_\_\_\_\_

4) Larger cells need more energy and so may have more \_\_\_\_\_

5) Why wouldn't a brain cell survive very long on its own? \_\_\_\_\_

\_\_\_\_\_

6) \_\_\_\_\_ cells have a better chance of surviving on their own while  
\_\_\_\_\_ cells can accomplish tasks that are more advanced.

7) Take the cell quiz and tally your score \_\_\_\_\_ out of 10

Click on Function, it will take you back to the first page, click on Passive Transport.

8) What is the main difference between active and passive transport? \_\_\_\_\_

\_\_\_\_\_

9) Simple molecule movement can be \_\_\_\_\_ or \_\_\_\_\_

10) What in the cell membrane can help move particles? \_\_\_\_\_

11) What is facilitated diffusion? How does it work? \_\_\_\_\_

\_\_\_\_\_

12) Why are oxygen molecules able to pass through the membrane? \_\_\_\_\_

\_\_\_\_\_

13) What is osmosis? \_\_\_\_\_

14) What happens if ion concentrations are not the same on both sides of the cell  
membrane? \_\_\_\_\_

15) Active transport uses \_\_\_\_\_ to move particles \_\_\_\_\_ the membrane.

16) What does most of the work in active transport? \_\_\_\_\_

17) What are inhibitors? \_\_\_\_\_

Click on "Phagocytosis"

18) What is the difference between phagocytosis and pinocytosis? \_\_\_\_\_

\_\_\_\_\_

19) How does an amoeba eat a bacterium? \_\_\_\_\_

\_\_\_\_\_

20) What advantage is there to cells being able to hunt and eat food? \_\_\_\_\_

\_\_\_\_\_

Click on "Pinocytosis".

21) What is an example in your body of cells carrying on pinocytosis? \_\_\_\_\_

Click on "Mitosis"

22) What is mitosis? \_\_\_\_\_

23) List the 5 phases of mitosis and briefly explain what is happening in each.

P -

M -

A -

T -

I -

24) Click on "Meiosis" - How is meiosis different from mitosis? \_\_\_\_\_

\_\_\_\_\_

Click on "Overview", scroll to bottom of page, take the quiz on cell functions \_\_\_\_/10