Cells Classwork

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homeroom\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. A single-cell organism can do everything a cell from a multicellular organism can do EXCEPT:
   1. specialize
   2. reproduce
   3. use food or nutrients for energy
   4. grow
2. Which BEST describes ALL unicellular organisms?
   1. Every cell is round
   2. Every cell can make food
   3. Every cell can move on its own
   4. Every cell performs all life functions
3. Which is an example of a single-celled organism?
   1. Insect
   2. Paramecium
   3. Fish
   4. Worm
4. Which characteristic do single-celled organisms and multicellular organism have in common?
   1. Both have cells with specialized functions for each life process
   2. Both perform all life processes within one cell
   3. Both have a way to get rid of waste materials
   4. Both are able to make food from sunlight
5. Why do multicellular organisms need transport systems?
   1. Most have cells that require more energy to survive than single-celled organisms
   2. Most have cells that are not able to exchange gases with the outside environment.
   3. Most have cells that need food from sources outside their environment
   4. Most have cells that are unable to grow and survive in their environment

6. Which statement best describes an algae cell?

A. It contains more than one cell.

B. It contains different kinds of cells.

C. It is part of a larger organism.

D. It is a complete organism.

7. Which best describes a single-celled organism?

A. an organism with one cell that uses other cells to survive

B. an organism with many cells that work together to survive

C. an organism with many cells that battle each other to survive

D. an organism with one cell that performs all of its life processes

8. How are rabbits different from bacteria?

A. Rabbits need only a single cell to complete all life functions while bacteria need multiple cells to survive.

B. Rabbits need multiple cells to complete all life functions while bacteria only need a single cell to survive.

C. Rabbits need multiple cells to complete all life functions while bacteria do not need any cells to survive.

D. Rabbits complete all life functions with one single cell while bacteria do not need any cells to survive.