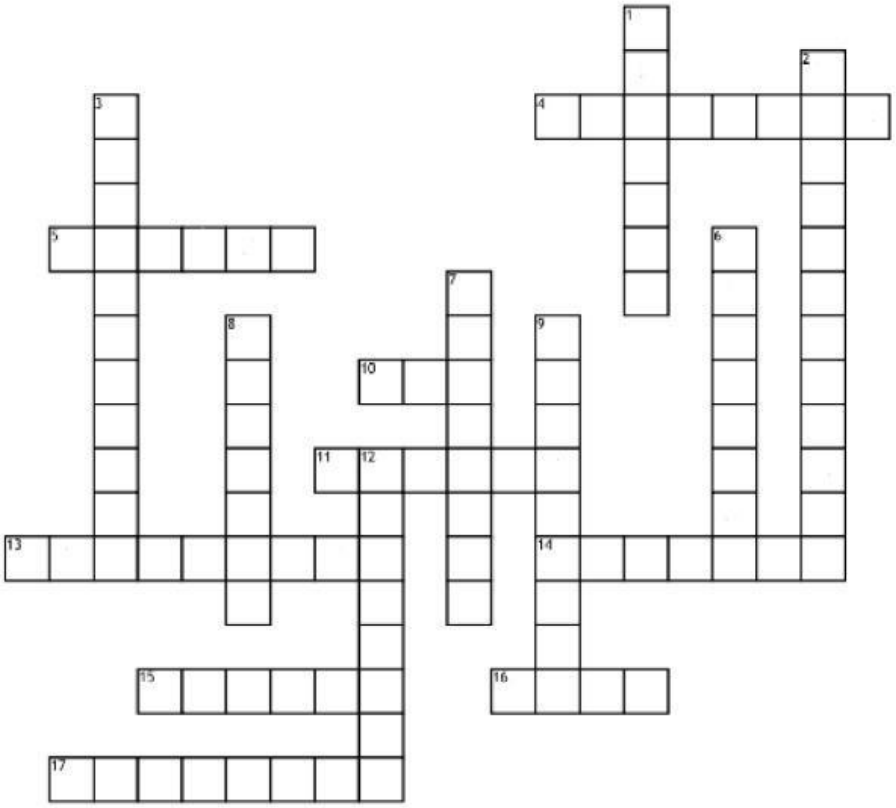
Name: _____ Date: _____

Organelles and Bacteria Word Search



Across

4. single-celled organism
5. a spherical, aquatic bacteria
10. genetic material
11. moves using pseudopods
13. jelly-like substance in cells
14. prokaryote with a red eye spot
15. hair-like parts of a cell which allow for movement
16. all life is made of one or more of these
17. synthesizes proteins in the cell

Down

1. a prokaryote (like bacteria) lacks this
2. The powerhouse of the cell
3. allows for photosynthesis
6. disposes of cell waste
7. used for movement in cells
8. provides storage for a cell
9. "tiny organ"
12. controls what enters/exits the cell

LIVEWORKSHEETS

1. Bacteria Growth Jars

Students calculate the starting number of bacteria.

Example:

A jar has 48 bacteria after 6 hours. It grows by 6 bacteria per hour.

Equation: 6h+b=48 Students solve for b (starting amount). Answer:_____

Show your work below

2. Microscope Slide Counts

Students determine how many cells were originally on a slide.

Example:

After adding 10 drops of stain, there are 72 cells visible.

Each drop reveals 4 cells.

Equation: 4d+c=72 Answer:_____

Show your work below

3. Petri Dish Colonies

Each colony grows by a constant number per day.

Example:

After 5 days, there are 65 colonies.

Each day adds 9 colonies.

Equation: 9d+c=65 Answer:_____

Show your work below

4. Antibiotic Effect Simulation

Example:

A culture has 90 bacteria. An antibiotic kills 6 bacteria per hour.

How many bacteria were there after 4 hours?

Equation: b−6h=66 (Students work backward.) Answer:_____

Show your work below

LIVEWORKSHEETS