DoodleBeez Worksheets

Grades 6 to 7 | Science

Name: Date: Score: / 8

One Cell or Many: Learn and Practice

Unicellular and multicellular living things

Read each question. Circle the best answer.

💡 One Cell or Many

- A unicellular organism is made of just one cell.
- A multicellular organism is made of many cells that share the work.
- In multicellular organisms, cells are specialized for different jobs.
- amoeba: unicellular, oak tree: multicellular

1 Why can a multicellular organism grow much larger than a unicellular one?

A. Each of its cells is giant B. It never needs food

C. It has no cell membranes

D. Many cells share the work

2 A paramecium swims using tiny hairs that beat like oars. What are these hairs called?

A. Scales B. Cilia C. Roots D. Feathers

3 Which organism is unicellular?

A. A mushroom B. A dog C. A bacterium

D. A sunflower

4 Which word means a cell is built for a special job, like a nerve cell or a muscle cell?

A. Specialized B. Extinct C. Unicellular

D. Dormant

5 About how many cells make up a human body?

A. About 100 B. Exactly one C. About 1000

D. Trillions

6 🐸 Which organism is multicellular?

A. A bacterium B. An amoeba C. A frog

D. A paramecium

7 What does unicellular mean?

A. Made of no cells B. Made of two cells

C. Made of many cells D. Made of one cell

8 Which is true for a single celled organism like an amoeba?

A. It has a brain and nerves

B. It cannot reproduce

C. It needs organs to digest food

D. Its one cell does every job of life

✏️ Explain it! Write two facts you learned about one cell or many.

ANSWER KEY

One Cell or Many: Learn and Practice (answers)

Unicellular and multicellular living things

Read each question. Circle the best answer.

1 Why can a multicellular organism grow much larger than a unicellular one?

A. Each of its cells is giant B. It never needs food

C. It has no cell membranes

D. Many cells share the work

Each cell stays small, but by adding many cells that divide up the jobs, the organism can grow large.

2 A paramecium swims using tiny hairs that beat like oars. What are these hairs called?

A. Scales **B. Cilia** C. Roots D. Feathers

Cilia are tiny hairlike parts that beat together to push a paramecium through water.

3 Which organism is unicellular?

A. A mushroom B. A dog **C. A bacterium**

D. A sunflower

A bacterium is a complete living thing made of just one cell. Dogs, sunflowers and mushrooms have many cells.

4 Which word means a cell is built for a special job, like a nerve cell or a muscle cell?

A. Specialized B. Extinct C. Unicellular

D. Dormant

Specialized cells have shapes and parts that suit one job, like carrying signals or contracting.

5 About how many cells make up a human body?

A. About 100 B. Exactly one C. About 1000

D. Trillions

Scientists estimate your body has around 30 trillion cells. That is a lot of teamwork!

6 🐸 Which organism is multicellular?

A. A bacterium B. An amoeba **C. A frog**

D. A paramecium

A frog is built from millions of cells working together. The others are single cells.

7 What does unicellular mean?

A. Made of no cells B. Made of two cells

C. Made of many cells **D. Made of one cell**

Uni means one. A unicellular organism is a whole living thing made of a single cell.

8 Which is true for a single celled organism like an amoeba?

A. It has a brain and nerves

B. It cannot reproduce

C. It needs organs to digest food

D. Its one cell does every job of life

An amoeba has no organs. Its one cell takes in food, gets rid of waste, moves and reproduces.