Name: Date: Score: / 8

Plant or Animal Cell: Learn and Practice

Spot the differences between two cell types

Read each question. Circle the best answer.

💡 Plant and Animal Cells

- Plant and animal cells both have a nucleus, cell membrane, cytoplasm and mitochondria.
- Only plant cells have a cell wall, chloroplasts and one large central vacuole.
- Animal cells are usually rounder and have small vacuoles.
- box shape with green chloroplasts: plant cell

1 Which part is found in plant cells but not in animal cells?

A. Mitochondria B. Cell wall C. Cell membrane D. Nucleus

2 Which organelle lets plant cells make their own food?

A. Chloroplast B. Ribosome C. Lysosome D. Cell membrane

3 🍃 What color are chloroplasts?

A. Blue B. Black C. Red D. Green

4 How does the main vacuole in a plant cell compare to vacuoles in an animal cell?

A. It is exactly the same B. It is missing C. It is much smaller D. It is much larger

5 Which part do both plant and animal cells have?

A. Chloroplast B. Nucleus C. Large central vacuole D. Cell wall

6 Why do plant cells have a stiff cell wall?

A. To make food from light B. To store wastes C. To support the plant and keep its shape D. To help the cell swim

7 Which kind of cell would you find in a leaf?

A. Animal cell B. Red blood cell C. Plant cell D. Nerve cell

8 What shape do plant cells usually have?

A. Long like a thread B. Box shaped C. Round like a ball D. Star shaped

✏️ Explain it! Write two facts you learned about plant or animal cell.

ANSWER KEY

Plant or Animal Cell: Learn and Practice (answers)

Spot the differences between two cell types

Read each question. Circle the best answer.

1 Which part is found in plant cells but not in animal cells?

A. Mitochondria **B. Cell wall** C. Cell membrane D. Nucleus

Plant cells have a stiff cell wall outside the membrane. Animal cells only have the membrane.

2 Which organelle lets plant cells make their own food?

A. Chloroplast B. Ribosome C. Lysosome D. Cell membrane

Chloroplasts use light energy to make sugar. Animal cells do not have them.

3 What color are chloroplasts?

A. Blue B. Black C. Red **D. Green**

Chloroplasts hold chlorophyll, a green pigment that captures light. That is why leaves look green.

4 How does the main vacuole in a plant cell compare to vacuoles in an animal cell?

A. It is exactly the same B. It is missing C. It is much smaller **D. It is much larger**

A plant cell has one large central vacuole that stores water. Animal cells have small ones, if any.

5 Which part do both plant and animal cells have?

A. Chloroplast **B. Nucleus** C. Large central vacuole D. Cell wall

Both cell types have a nucleus that holds DNA and controls the cell.

6 Why do plant cells have a stiff cell wall?

A. To make food from light B. To store wastes **C. To support the plant and keep its shape** D. To help the cell swim

Plants have no skeleton. Strong cell walls help stems and leaves stand up and hold their shape.

7 Which kind of cell would you find in a leaf?

A. Animal cell B. Red blood cell **C. Plant cell** D. Nerve cell

Leaves are part of plants, so they are made of plant cells. Easy one!

8 What shape do plant cells usually have?

A. Long like a thread **B. Box shaped** C. Round like a ball D. Star shaped

The stiff cell wall gives most plant cells a neat box shape, like bricks in a wall.