

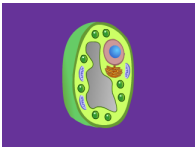
1. What is the major difference between prokaryotic and eukaryotic cells?

- A. Prokaryotic cells have no genetic material; eukaryotic cells do
- B. Prokaryotic cells engage in photosynthesis; eukaryotic cells don't
- C. Prokaryotic cells have no membranes around their nuclear material; eukaryotic cells do
- D. Prokaryotic cells can move on their own; eukaryotic cells can't

2. What can you find inside a eukaryotic cell's nucleus?

- A. Genetic material
- B. Cytoplasm
- C. Endoplasmic reticulum
- D. Mitochondria

3. Which of these statements is true of plant cells?

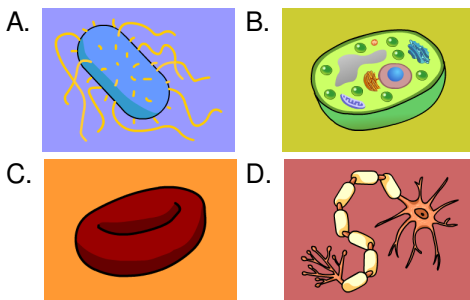


- A. They have no cell membranes
- B. They can make their own nutrients
- C. They work independently of one another
- D. They are prokaryotic

4. What is a membrane?

- A. Another term for a cell's nucleus
- B. A sort of "skin" that encloses something
- C. A type of genetic material
- D. A single-celled organism

5. Which choice depicts a human nerve cell?



6. Why do red blood cells need to be so tiny?

- A. So they can move through narrow blood vessels
- B. So they can clump together
- C. So they can't be detected by viruses
- D. So they can carry carbon dioxide to your body's tissues

7. What would happen if a plant cell didn't have chloroplasts?

- A. It wouldn't be able to reproduce
- B. It wouldn't be able to move
- C. It wouldn't be able to make its own nutrients
- D. It wouldn't be able to transport nutrients

8. Prokaryotic cells are all:

- A. Single-celled organisms
- B. Multi-celled organisms
- C. Photosynthetic organisms
- D. Large organisms

9. What is a major difference between plant and animal cells?

- A. Plant cells are always at least 10 times bigger than animal cells
- B. Plant cells are always green, while animal cells are always red
- C. Plant cells are surrounded by cell walls; animal cells aren't
- D. Plant cells are made of wood; animal cells are made of flesh

10. Which term best describes the way cells work inside your body?

- A. Corporation
- B. Coagulation
- C. Competition
- D. Cooperation