

Cell Structures and their Functions

Name: _____

Date: _____

1. Which of the following is the site of photosynthesis that makes glucose sugar for plant cells?

- A. mitochondria
- B. chloroplast
- C. ribosome
- D. golgi apparatus

2. Which of the following is the site of cellular respiration that provides energy to a cell?

- A. mitochondria
- B. chloroplast
- C. ribosome
- D. golgi apparatus

3. Which of the following is the site of protein synthesis?

- A. mitochondria
- B. chloroplast
- C. ribosomes
- D. golgi apparatus

4. Which of the following sorts and packages proteins to be transported out of the cell?

- A. mitochondria
- B. chloroplast
- C. ribosomes
- D. golgi apparatus

5. Which of the following maintains homeostasis for the cell by controlling what enters and leaves?

- A. cell wall
- B. cell membrane
- C. lysosomes
- D. nucleus

6. In which of the following is DNA found?

- A. Lysosome
- B. cell membrane
- C. cell wall
- D. nucleus

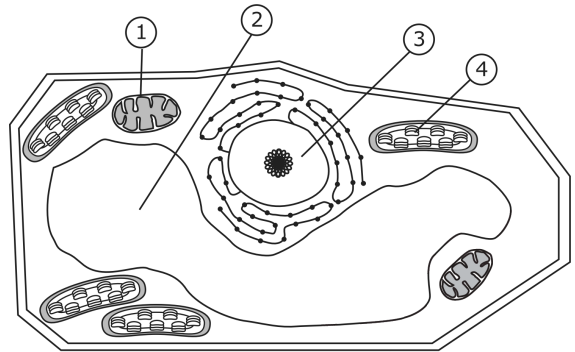
7. Which of the following is found in both prokaryotic and eukaryotic cells?

- A. mitochondria
- B. chloroplast
- C. ribosomes
- D. nuclei

8. Which of the following would NOT be found in an animal cell?

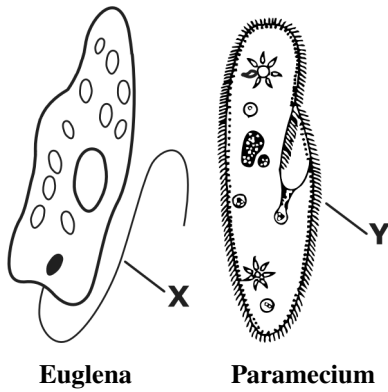
- A. mitochondria
- B. lysosome
- C. cell wall
- D. nucleus

9. This diagram shows a plant cell. Which structure is found in a plant cell but is absent in an animal cell?



- A. ① B. ② C. ③ D. ④

10. These diagrams represent a Euglena and a Paramecium.



Which function do structures X and Y have in common?

- A. digestion
- B. gathering food
- C. movement
- D. reproduction

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1.
Answer: B
2.
Answer: A
3.
Answer: C
4.
Answer: D
5.
Answer: B
6.
Answer: D
7.
Answer: C
8.
Answer: C
9.
Answer: D
10.
Answer: C