



CELL PARTS –

SEE IT, UNDERSTAND IT, CHECK IT



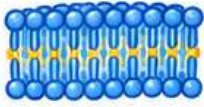
1 LOOK & LEARN

Look at the pictures and read the short meanings.



nucleus

Controls the cell's activities.



cell membrane

Lets things in and out of the cell.



mitochondria

Produces energy for the cell.



ribosomes

Make proteins.



large central vacuole

Stores water and other materials.



chloroplasts

Capture sunlight for food (in plant cells).



cell wall

Gives shape, strength and support (in plant cells).



lysosomes

Break down waste and old parts.



small vacuoles

Store water and materials.



plant cells

Have a cell wall, chloroplasts and a large central vacuole.



animal cells

Have no cell wall or chloroplasts, but have small vacuoles and lysosomes.



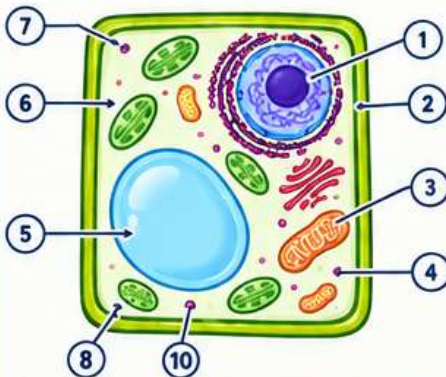
both

Both have a nucleus, cell membrane, mitochondria and ribosomes.

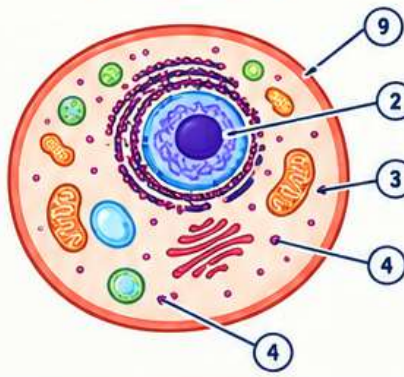
2 MATCH THE PART

Look at the cell diagram and match the numbered parts with the correct meaning (letters).

Plant cell



Animal cell



- | | | | | |
|----------|----------|----------|----------|-----------|
| 1. _____ | 2. _____ | 3. _____ | 4. _____ | 5. _____ |
| 6. _____ | 7. _____ | 8. _____ | 9. _____ | 10. _____ |

- A. Produces energy for the cell.
- B. Gives shape, strength and support (in plant cells).
- C. Lets things in and out of the cell.
- D. Controls the cell's activities.
- E. Makes proteins.
- F. Stores water and other materials (large central vacuole).
- G. Breaks down waste and old parts.
- H. Stores water and materials (small vacuoles).
- I. Captures sunlight for food (in plant cells).
- J. The outer layer that surrounds the cell.

3 CHECK YOUR UNDERSTANDING

Answer the questions.

A. Circle the correct option.

- The cell wall is found in:
a) plant cells b) animal cells c) both
- Chloroplasts are found in:
a) plant cells b) animal cells c) both
- Small vacuoles are found in:
a) plant cells b) animal cells c) both
- Lysosomes are found in:
a) plant cells b) animal cells c) both
- The large central vacuole is found in:
a) plant cells b) animal cells c) both

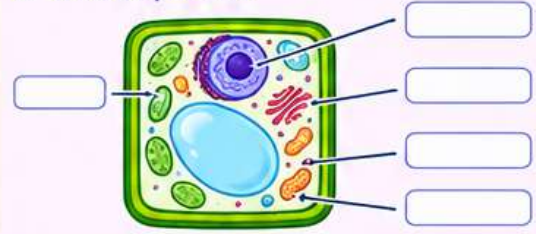
B. True or False.

- Plant cells have a cell wall. T / F
- Animal cells have chloroplasts. T / F
- Mitochondria are in both plant and animal cells. T / F
- Animal cells have a large central vacuole. T / F
- Ribosomes are in both plant and animal cells. T / F

C. Choose the correct word.

- The (nucleus / chloroplasts) controls the cell.
- The (cell membrane / cell wall) lets things in and out.
- The (mitochondria / lysosomes) break down waste.
- The (ribosomes / small vacuoles) make proteins.

D. Label the plant cell.



E. Classification. Put each term in the correct place.

