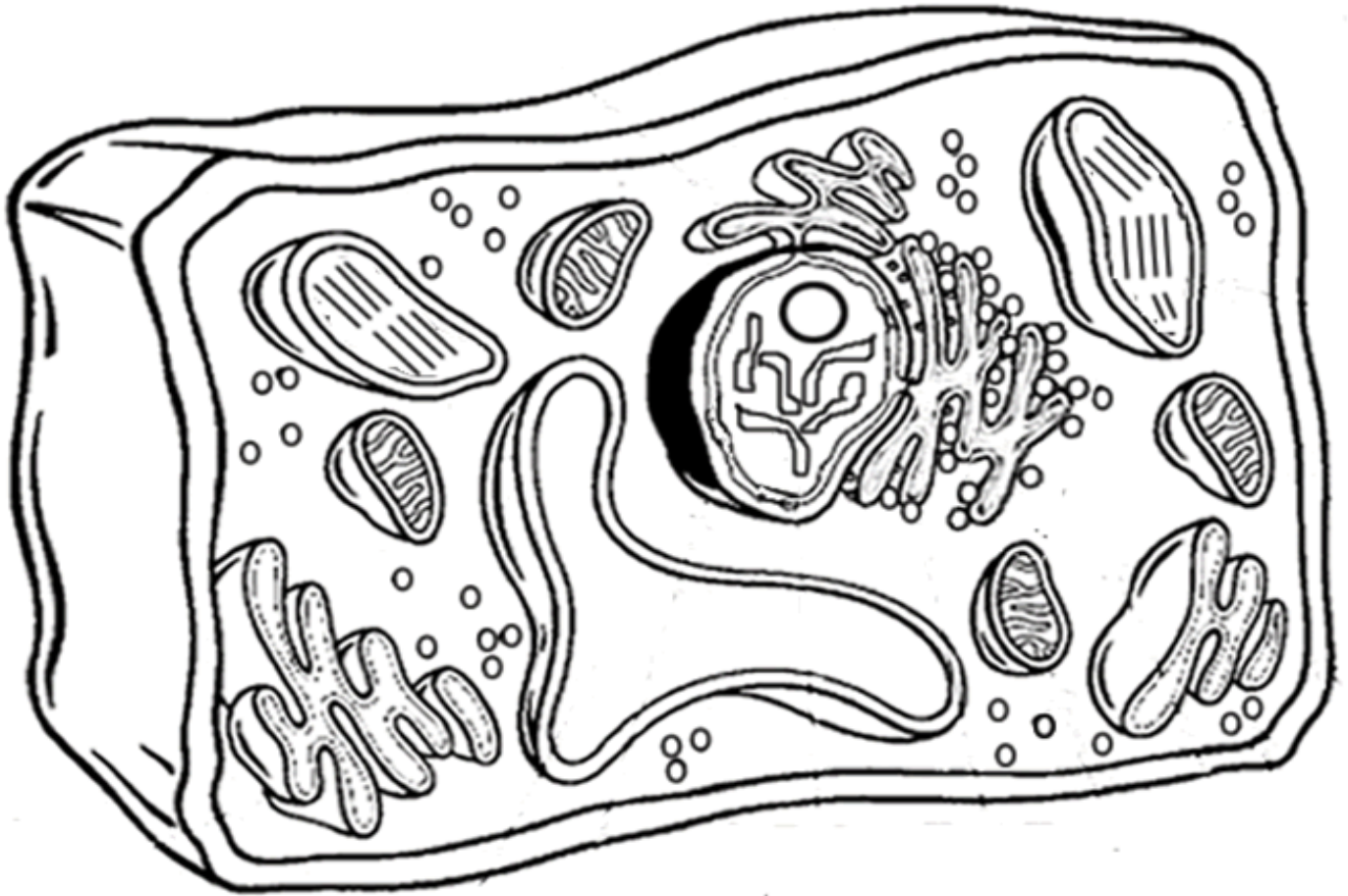


Plant Cell Coloring

- | | | |
|---|---|--|
| <input type="checkbox"/> Cell Membrane (orange) | <input type="checkbox"/> Cell Wall (dark green) | <input type="checkbox"/> Ribosome (black) |
| <input type="checkbox"/> Mitochondria (red) | <input type="checkbox"/> Nucleolus (brown) | <input type="checkbox"/> Cytoplasm (Light Blue) |
| <input type="checkbox"/> Vacuole (purple) | <input type="checkbox"/> Chloroplasts (light green) | <input type="checkbox"/> Golgi Apparatus (dk blue) |
| <input type="checkbox"/> Chromatin (gray) | <input type="checkbox"/> Nucleus (Pink) | <input type="checkbox"/> E.R. Membrane (Yellow) |



Analysis

1. Name two things found in a plant cell that are not found in an animal cell:

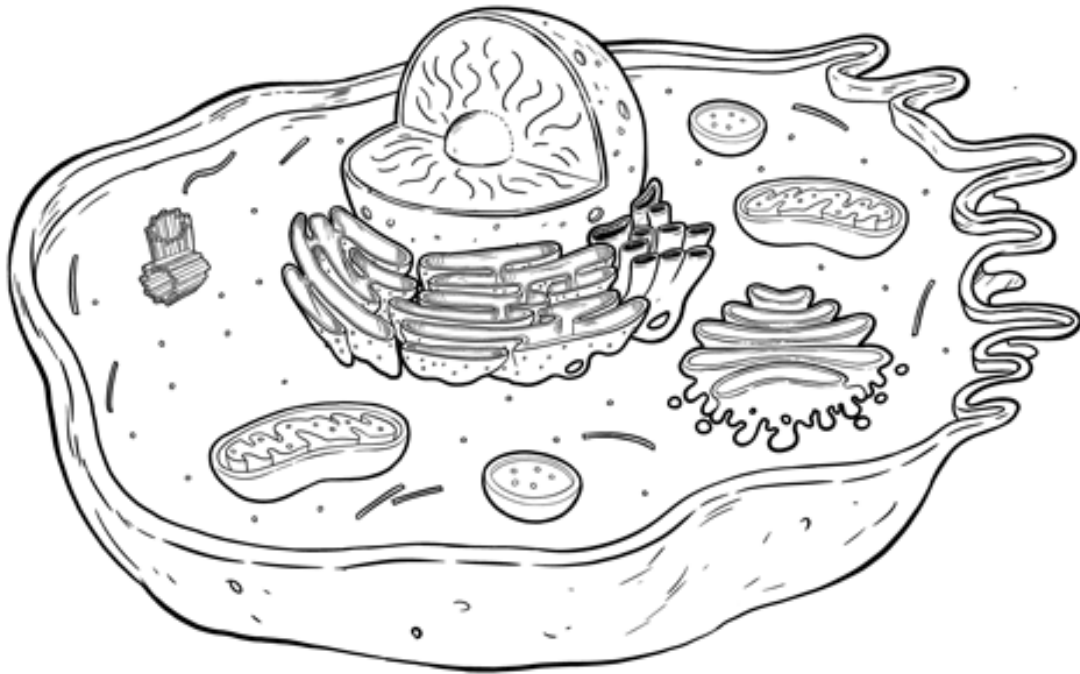
2. How does do the vacuoles in plant cells differ from those in animal cells?

3. What is the function of the chloroplasts? _____

4. What is the function of the vacuole? _____

Animal Cell Coloring

- | | | |
|---|--|--|
| <input type="checkbox"/> Cell Membrane (orange) | <input type="checkbox"/> Nucleolus (brown) | <input type="checkbox"/> Centriole (green) |
| <input type="checkbox"/> Mitochondria (red) | <input type="checkbox"/> Nucleus (Pink) | <input type="checkbox"/> Golgi Apparatus (dk blue) |
| <input type="checkbox"/> Chromatin (gray) | <input type="checkbox"/> Ribosome (black) | <input type="checkbox"/> E.R. Membrane (yellow) |
| <input type="checkbox"/> Cytoplasm (lt. blue) | <input type="checkbox"/> Lysosome (Purple) | |



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Animal Cell Diagram - Copyright © Dutch Renaissance Press LLC

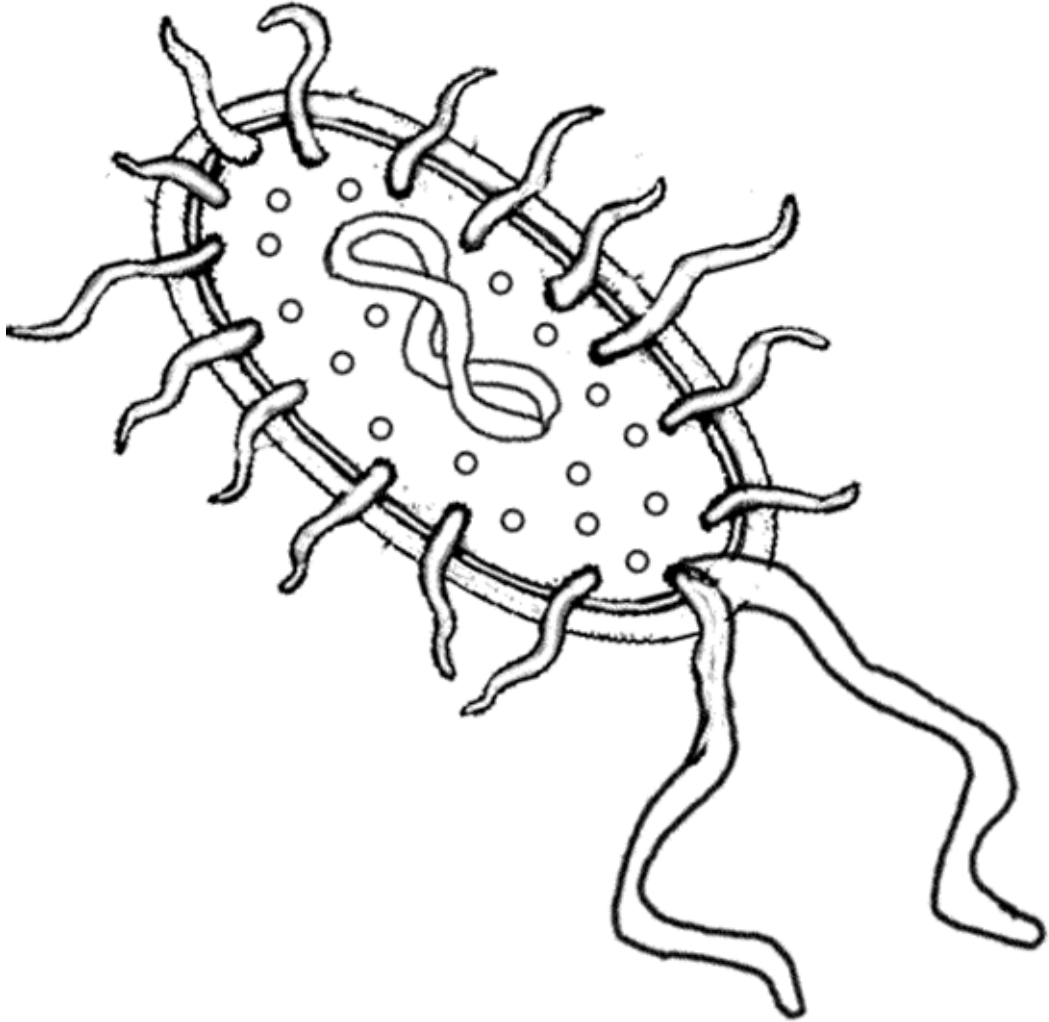
Briefly describe the function of the cell parts.

1. Cell membrane _____
2. Endoplasmic Reticulum _____
3. Ribosome _____
4. Golgi Apparatus _____
5. Lysosome _____
6. Microtubule _____
7. Mitochondria _____
8. Nucleus _____

Bacteria Cell Coloring

- Cell Wall (dark green)
- Cell Membrane (orange)
- Cytoplasm (lt. Blue)

- Nucleoid (gray)
- Pili (purple)
- Flagella (Pink)
- Ribosomes (Black)



Analysis

1. What is the only organelle found in the bacteria cell? _____
2. What is the purpose of the flagella? _____
3. Where is the DNA material found in the bacteria cell? _____

4. What is the shape of the DNA material in the bacteria cells? _____
