



Animal Cell Organelles

Directions: Give the function for each cell structure and then color and label the animal cell.

| Organelle | Function |
|--------------------------------------|----------|
| Cell Membrane (Red) | |
| Nucleoplasm (Yellow) | |
| Mitochondria (Red) | |
| Lysosome (Pink) | |
| Cytoplasm (White) | |
| Microtubules (Brown) | |
| Ribosomes (Blue) | |
| Nucleolus (Grey) | |
| Golgi Apparatus (Purple) | |
| Smooth Endoplasmic Reticulum (Green) | |
| Rough Endoplasmic Reticulum (Orange) | |
| Nuclear Membrane (Dark Brown) | |

Questions: (Use p.55-60)

1. Give the function of the nucleus.
2. What makes up the cell membrane?
3. Where does cellular respiration take place?
4. Where does protein synthesis take place?
5. Where are ribosomes made?

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6. Give two ways that an animal cell differs from a plant cell.

7. Do plant cells contain mitochondria?

8. How can you tell rough ER from smooth ER?

9. Where are cell products modified and packaged in vesicles for transport?

10. Where is DNA found in a cell?

11. Where would old cell organelles be broken down (digested) to be recycled in the cell?

