**Directions:** *On each line, write the term from the word bank that correctly completes each sentence.*

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| --- | --- | --- | --- |
| **energy processing** | **fluid** | **framework** | **genetic material** |
| **glucose** | **harmful organisms** | **movement** | **outside** |
| **production proteins** | **protein** | **specific jobs** | **transport substances** |
| **waste material** |  |  |  |

|  |  |
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| **Cell Structure** | **Purpose of Cell Structure** |
| Cell membrane | **1.** The cell membrane protects the inside of the cell from the environment  the cell. |
| Cell wall | **2.** The cell wall protects a cell from attack by . |
| Cell appendages | **3.** Cell appendages are often used for . |
| Cytoplasm | **4.** Cytoplasm is a(n) inside the cell. |
| Cytoskeleton | **5.** The cytoskeleton forms a(n) inside the cell. |
| Nucleus | **6.** The nucleus is the part of a eukaryotic cell that directs all cell activity and contains . |
| Ribosomes | **7.** Important molecules made by ribosomes are . |
| Endoplasmic reticulum | **8.** An endoplasmic reticulum that has ribosomes attached is a site of . |
| Mitochondria | **9.** Mitochondria are the sites of . |
| Chloroplasts | **10.** Chloroplasts process light energy, water, and carbon dioxide to make and release oxygen. |
| Golgi apparatus | **11.** The Golgi apparatus prepares proteins for . |
| Vesicles | **12.** Vesicles to other areas of a cell. |
| Vacuoles | **13.** Vacuoles store food, water, and . |