|  |  |  |
| --- | --- | --- |
|  | Eukaryote | Prokaryote |
| Draw or paste an image from the computer for each type of cell |  |  |
| Size of cell (big/small) | Bigger | Smaller |
| Nucleus (present/absent) | True nucleus present | No true nucleus |
| Membrane-bound organelles (present/absent) | Present | Absent |
| Cytoplasm  -cytoskeleton (present/absent)  -cytoplasmic streaming (yes/no) | Cytoskeleton present  Cytoplasmic streaming present | No cytoskeleton  No cytoplasmic streaming |
| Ribosomes (big/small) | Bigger | Smaller |
| DNA arrangement (circular/linear) | Linear | Circular |
| Cell division (name type of division) | Mitosis | Binary fission |
| Examples (name examples for each type of cell) | Animas, plants, fungus, protists | Bacteria and archaebacteria |

**Name: Date:**

**Block:**

**Eukaryote vs. Prokaryotes**