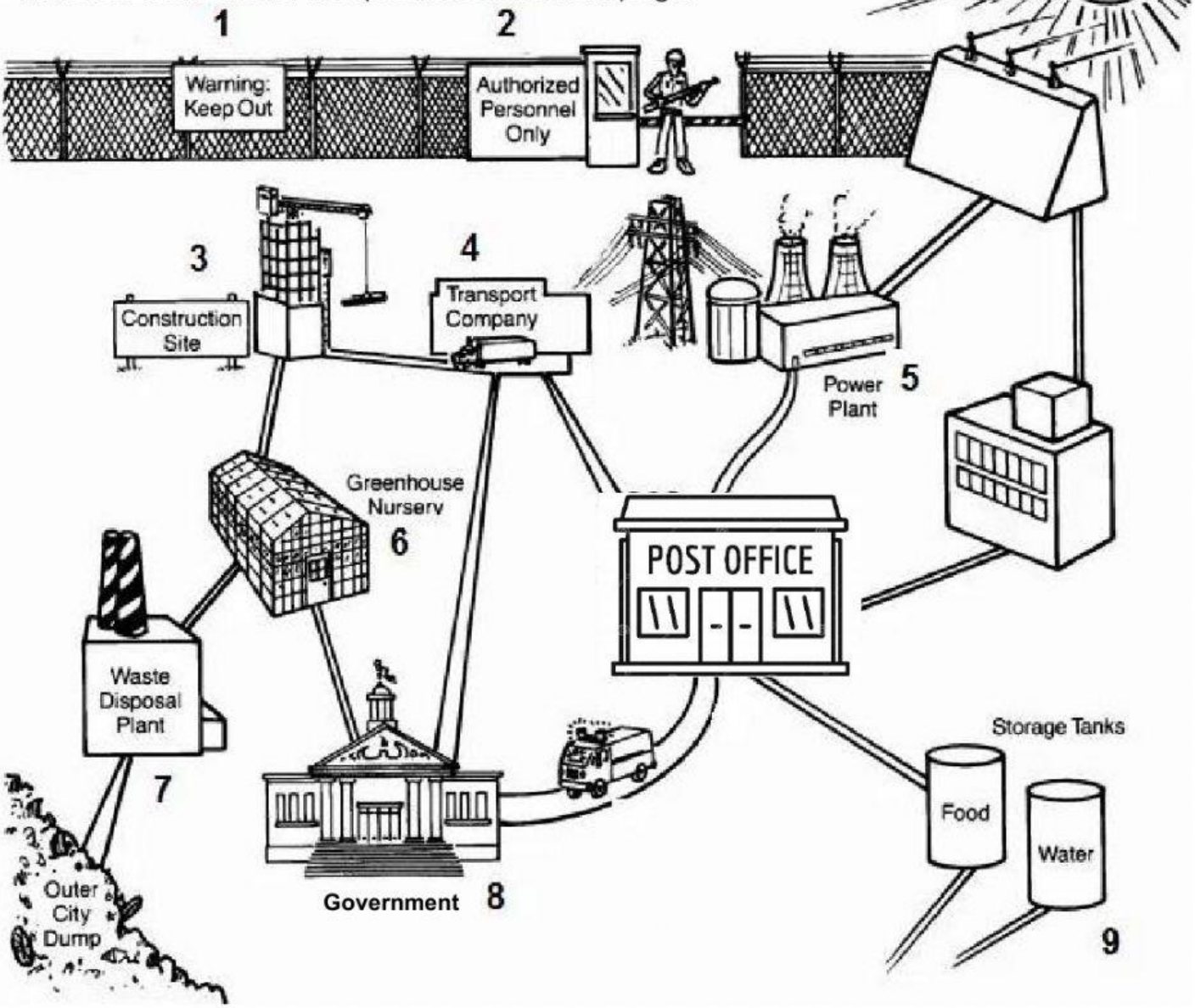
# If the Cell was a City...

**Instructions**: Imagine if the cell was a city. What would each organelle be? Write the name of the organelle below next to the city function it matches. Then, answer the questions on the next page.




1) Fence = _____

2) Security Guard = _____

3) Construction Site = _____

4) Transport Company = _____

5) Power Plant = _____

6) Greenhouse = _____

7) Waste Disposal = _____

8) Government = _____

9) Storage = _____

## Questions

1. Which organelle(s) were the most difficult to match with a city function? Why?

2. Is this city more like a plant or an animal cell? Why?

3. The cytoplasm is missing from the diagram (spoilers.... hope you didn't use it already!) What part of the city would you match it to? Why?

## Label the Cell

Drag and drop the name of the organelle to its location within the cell:

| | | | |
|---|---|---|---|
| rough ER | smooth ER | proteins | centrioles |
| Golgi apparatus | lysosome | nucleus | vesicle |
| mitochondria | cytoplasm | cell membrane | ribosome |

