

Cell City Worksheet ANSWER KEY

Identify the organelle that each location of Cell City represents. Describe what each is doing as your reasoning.

Organelle	Description of Function
1. ribosome	It's building a structure.
2. endoplasmic reticulum	It's moving substances within the city.
3. mitochondria	It's supplying power to the city.
4. chloroplast	It's making food for the city.
5. lysosome	It's breaking down and processing the city's waste.
6. nucleus	It's giving instructions to and directing the activities of the city.
7. vacuole	It's storing the city's supplies.
8. plasma membrane	The gate controls what enters and exits the city.

9. plant cell; has chloroplast

What's My Job? Assign an organelle to each job.

Organelle
10. chloroplast
11. membrane
12. ribosome
13. vacuole
14. nucleus
15. ER
16. cytoplasm
17. centrioles
18. cytoskeleton
19. vesicle
20. mitochondria
21. cell wall
22. lysosome
23. Golgi