

Name: _____ Block: _____ Date: _____

Biology 12 - The Cell – REVIEW WORKSHEET

Part A: In **ONE** sentence, in the space provided, describe the function of the following organelles. **Use point form.** Use your own words. **Paraphrase** and **condense** the textbook definitions. **DO NOT** copy any definition or part of a definition. In the box to the left of each definition, make a **sketch** of the organelle.

	1. cell membrane:
	2. cell wall:
	3. centriole:
	4. chloroplast:
	5. chromosome:
	6. cilia:
	7. cytoskeleton:
	8. flagella:
	9. Golgi body
	10. lysosomes:
	11. microfilament:
	12. microtubule:
	13. mitochondria:
	14. nucleolus:
	15. nucleus:
	16. plastids:
	17. ribosome:
	18. rough endoplasmic reticulum:
	19. smooth endoplasmic reticulum:
	20. vacuoles:
	21. vesicle:

Part B: Mix and Match! Each definition has only one correct matching answer

1. internal framework that anchors organelles, gives shape	A) cell membrane
2. cellular "ropes" made of repeating units of the protein <i>actin</i>	B) cell wall
3. hollow tubes for transport, movement, made of actin & tubulin proteins	C) centriole
4. vesicles pinch off these structures; proteins modified and packaged here	D) chloroplast
5. cellular "stomach"	E) chromosome
6. selectively permeable "doorman"	F) cilia
7. the most important plastid, turns CO ₂ , H ₂ O, sunlight into glucose	G) cytoskeleton
8. membrane-bound spheres that store water & dissolved materials. Membrane surrounding it is called a <i>tonoplast</i> . Plants have a large, central one.	H) flagella