

BIO 130 WORKSHEET 5 CELL STRUCTURE & FUNCTION

Date: 9/16/2020

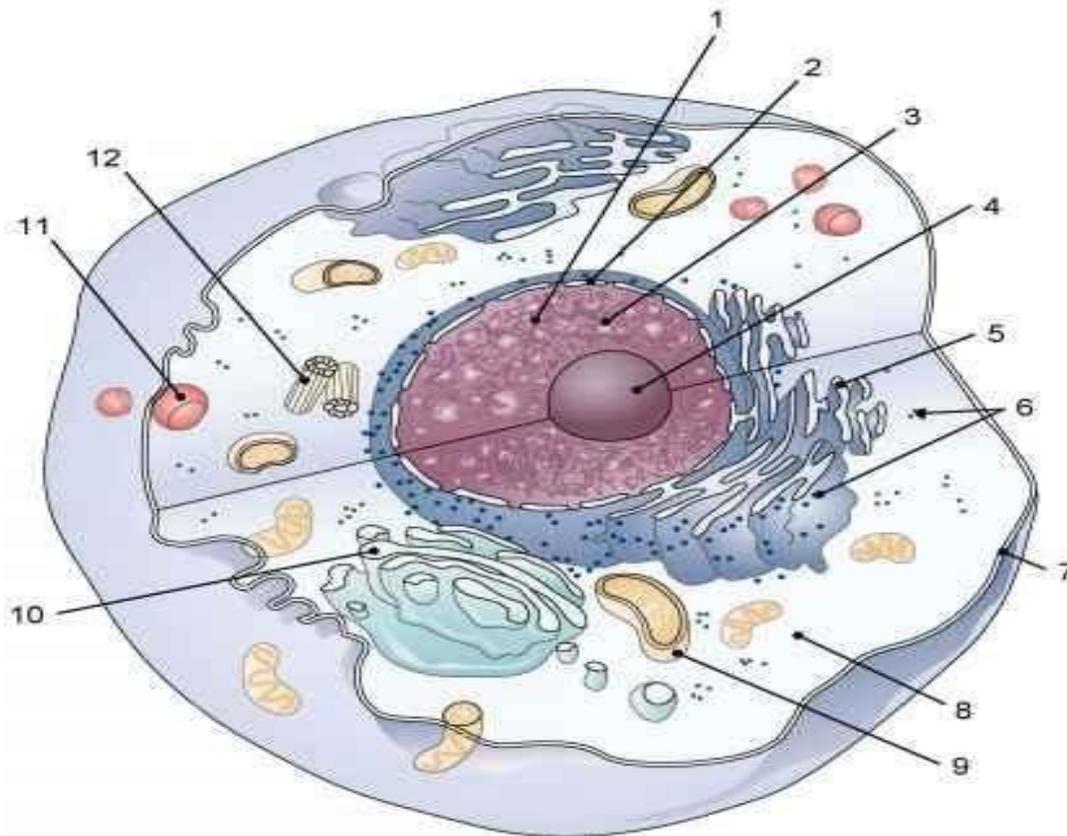
Name: Ja'varrius Wilson

1. Match the terms listed in the box below with the cell parts labeled. Use the Answer box below the diagram to label the cell parts (12x4=48)

Nucleolus, Ribosome, Nucleus, Centrioles, Smooth ER, Mitochondrion, Nucleoplasm, Golgi apparatus, Lysosome, Cell membrane, nuclear membrane, Ribosome

Nucleolus, Cilia, Ribosome, Golgi apparatus, Centrioles, Rough ER, Smooth ER, Mitochondrion, Lysosome, Cell membrane

Give the diagram a title: Animal Cell (4 pts)



Above Box:

1. Nucleus 2. Nuclear membrane 3. Nucleoplasm 4. Nucleolus 5. Smooth ER 6. Ribosome 7. Cell membrane 8. Cytoplasm 9. Mitochondrion 10. Golgi Apparatus 11. Lysosome 12. Centrioles

PARTS OF THE CELL

Match the descriptions in Column I with the name in Column II
Write the matching letter in the blank spaces (12x4= 48 pts)

COLUMN I

- k 1. separates the genetic material from the rest of the cell
- j 2. contain enzymes for digestion
- g 3. where proteins are made (Protein synthesis)
- a 4. Modifies, packs and ships substances for secretions
- i 5. ribosomes are made here
- l 6. controls entry into and out of the cell
- b 7. contain chromosomes
- e 8. fluid (jelly like) part of protoplasm
- f 9. container of green pigment in a plant cell
- c 10. storage container in a cell
- h 11. Contains enzymes for making ATP;
site for aerobic cellular respiration
- d 12. structures involved in animal cell division

COLUMN II

- a. Golgi apparatus
- b. nucleus
- c. vacuole
- d. centrioles
- e. cytoplasm
- f. chloroplast
- g. ribosome
- h. mitochondria
- i. nucleolus
- j. lysosome
- k. nuclear membrane
- l. cell membrane

