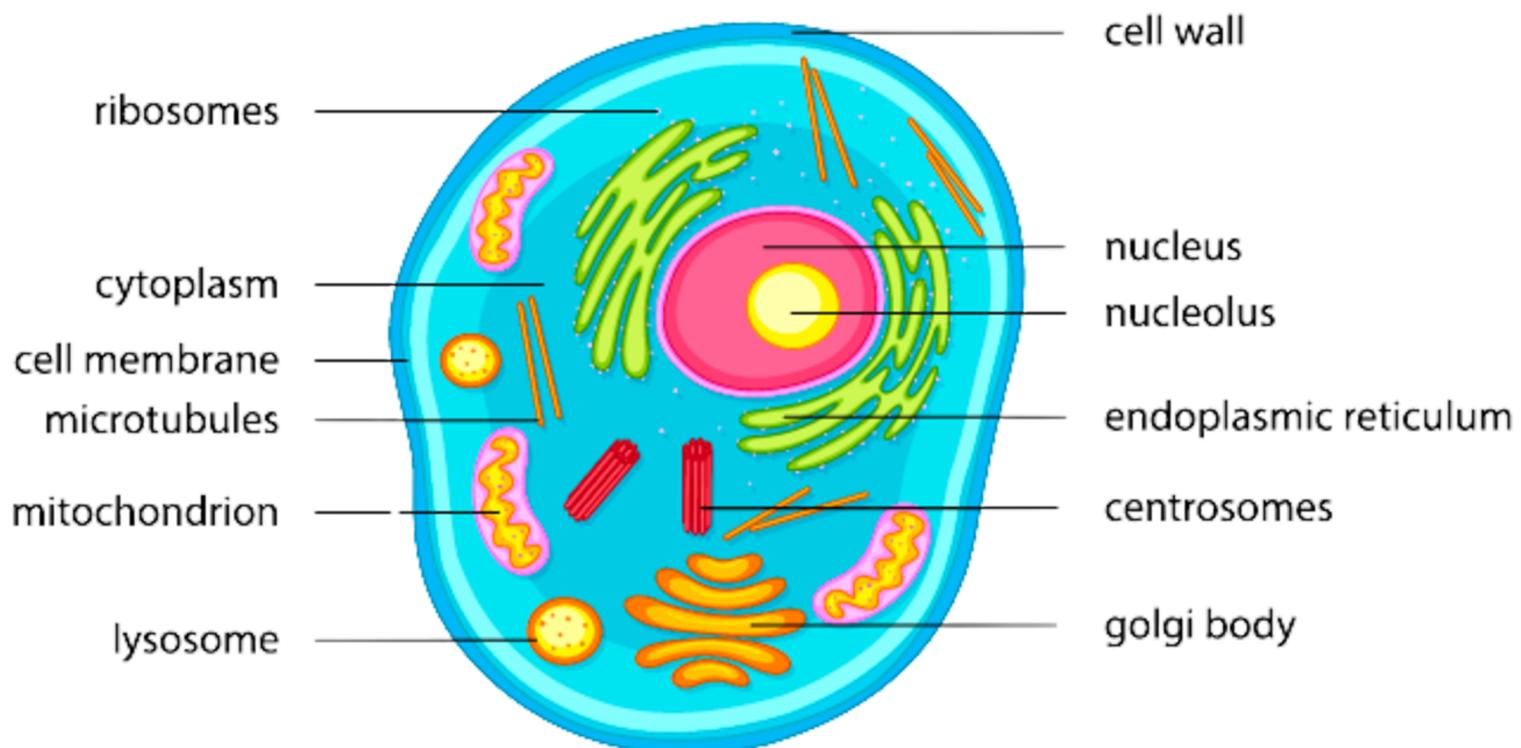


NAME: _____

DATE: _____

THE ANIMAL CELL



NAME: _____

DATE: _____

Nucleus

Nuclear envelope: _____
 membrane enclosing the nucleus. Protein-lined pores allow material to move in and out.

Chromatin: DNA plus associated proteins.

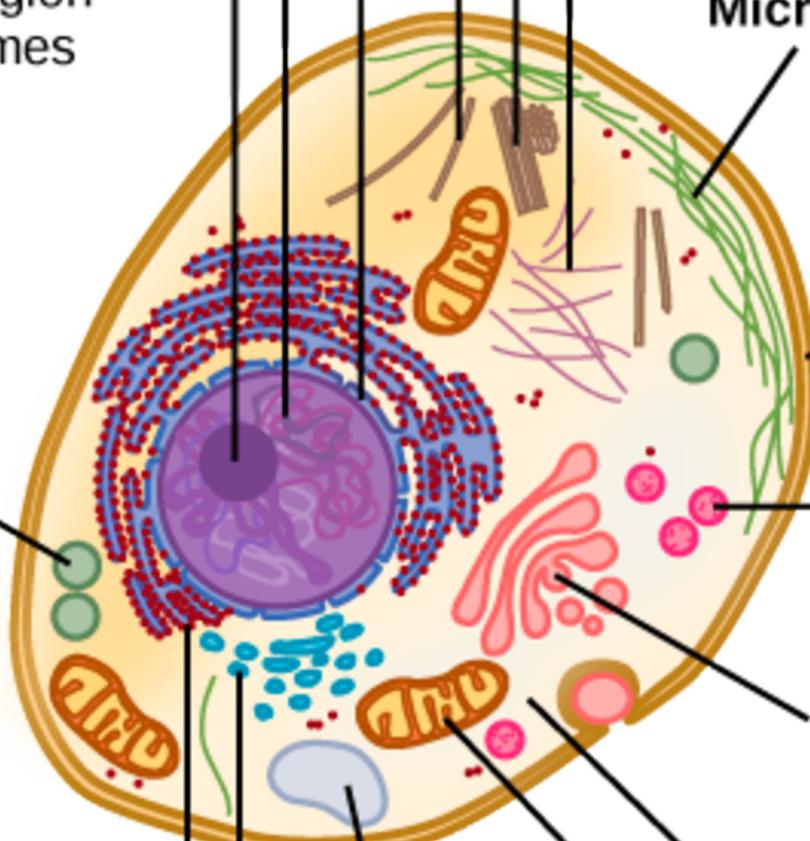
Nucleolus: _____
 condensed region where ribosomes are formed.

Peroxisome: _____
 metabolizes waste

Endoplasmic reticulum _____

Rough: associated with ribosomes; makes secretory and membrane proteins.

Smooth: makes lipids.



Cytoskeleton

Microtubules: form the mitotic spindle and maintain cell shape.

Centrosome: microtubule-organizing center.

Intermediate filaments: fibrous proteins that hold organelles in place.

Microfilaments: fibrous proteins; form the cellular cortex.

NAME: _____

DATE: _____

THE ANIMAL CELL

Color code each function of the cell with crayons



Parts of the Cell	Color
Nucleus	red
Lysosome	yellow
Ribosome	orange
Cytoplasm	green
Mitochondria	blue
Cell Membrane	purple
Golgi Apparatus	pink
Rough Endoplasmic Reticulum	grey
Smooth Endoplasmic Reticulum	black

NAME: _____

DATE: _____

ANIMAL CELLS

Use the words listed in the word bank to label each part of the animal cell.

cytoplasm

centrosomes

microtubules

ribosome

vacuole

nucleolus

nucleus

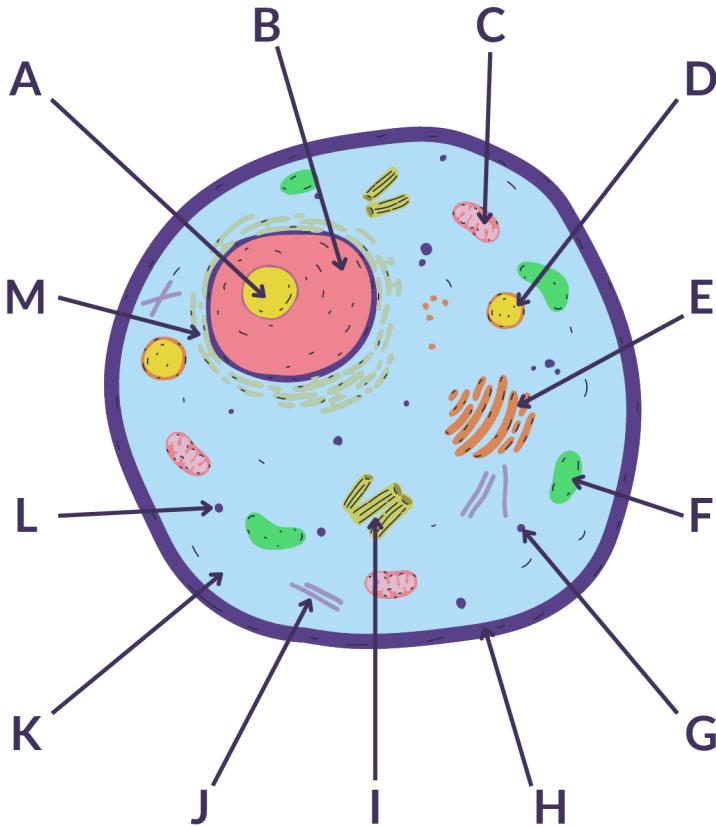
golgi body

lysosome

cell membrane

mitochondria

endoplasmic reticulum



A _____

B _____

C _____

D _____

E _____

F _____

G _____

H _____

I _____

J _____

K _____

L _____

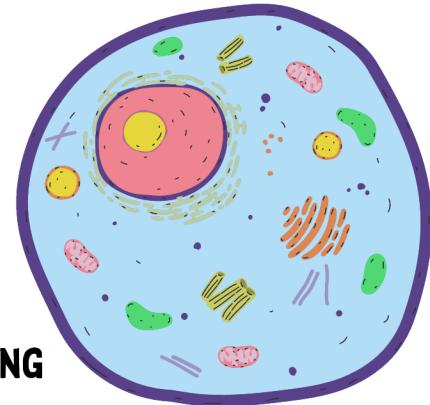
M _____

NAME: _____

DATE: _____

INSIDE ANIMAL CELLS

CONNECT EACH CELL STRUCTURE TO ITS CORRESPONDING ACCURATE CELL FUNCTION BY DRAWING A LINE.



MITOCHONDRIA

Controls what enters and leaves the cell.

RIBOSOME

Contains genetic material + controls cell activities.

NUCLEUS

Site of protein synthesis.

CELL MEMBRANE

Jelly-like substance that fills the cell.

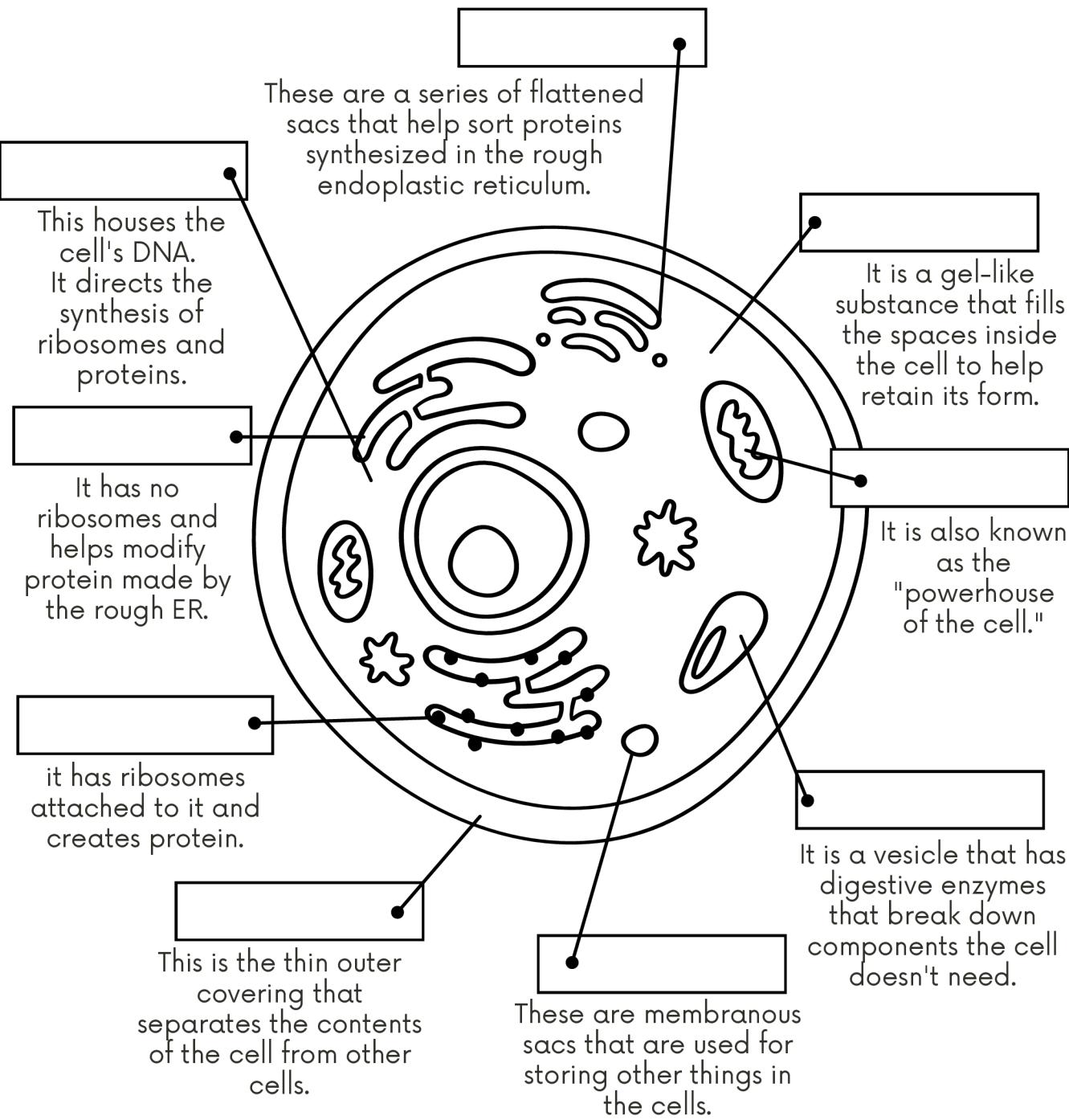
CYTOPLASM

Produces energy through cellular respiration.

Name:

Date:

LABEL THE PARTS OF THE ANIMAL CELL



1. Cytoplasm

2. Golgi Apparatus

3. Lysosome

4. Nucleus

5. Vacuoles

6. Smooth Endoplasmic Reticulum

7. Cell Membrane

8. Rough Endoplasmic Reticulum

9. Mitochondrion

NAME: _____

DATE: _____

WHAT DO YOU REMEMBER?

