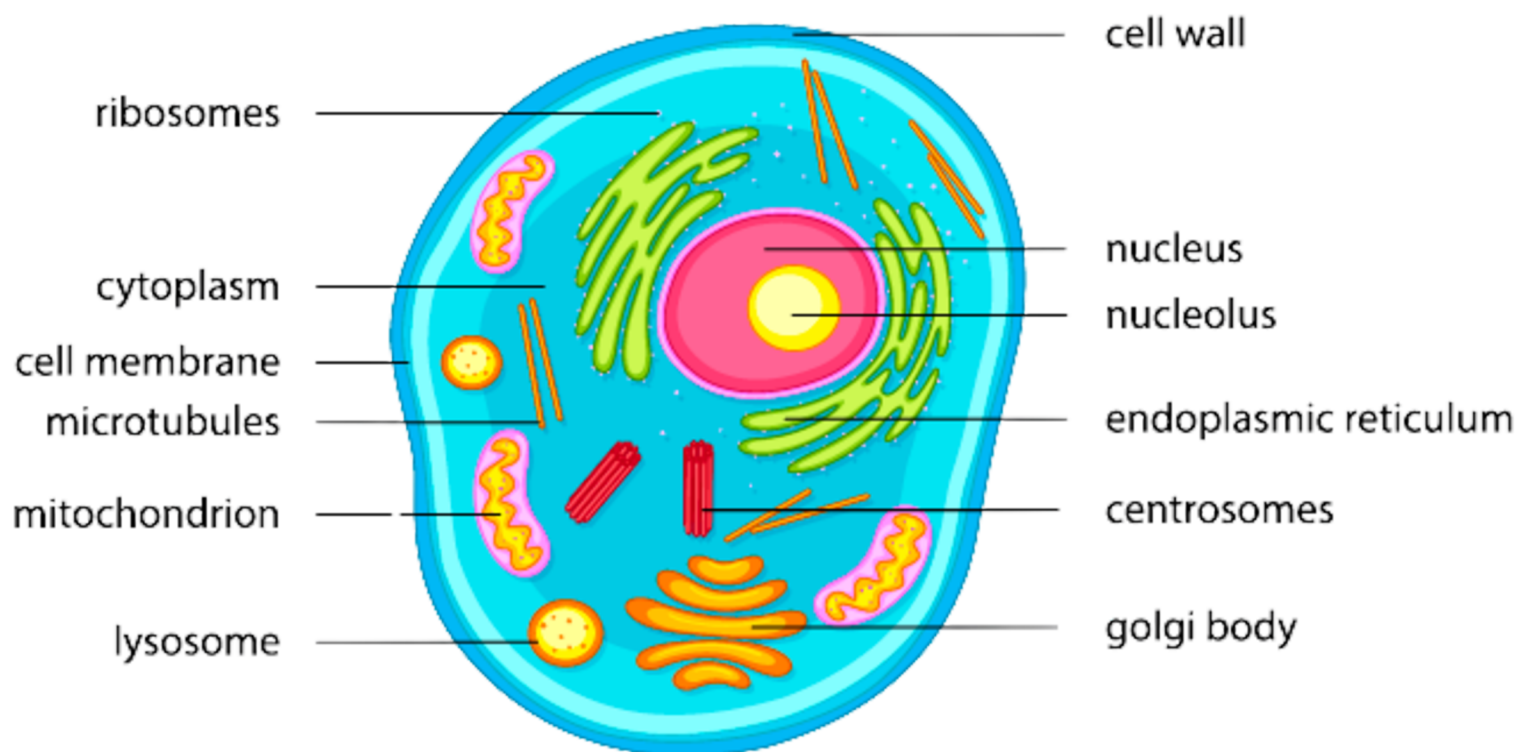


NAME: _____

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.

Plasma membrane

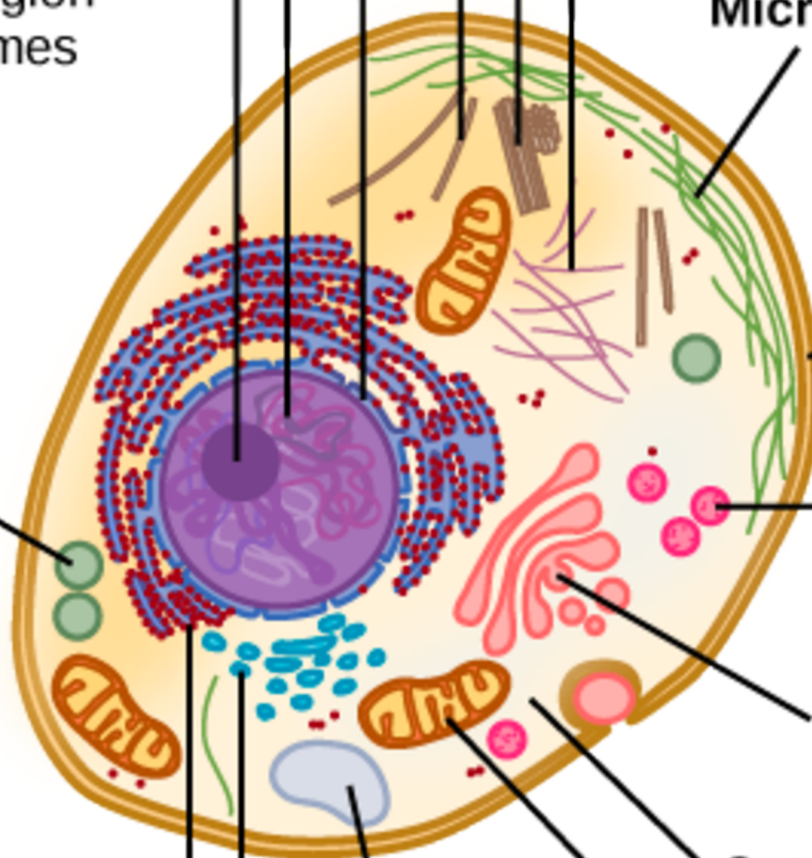
Lysosome: digests food and waste materials.

Golgi apparatus: modifies proteins.

Cytoplasm

Mitochondria: produce energy.

Vacuole



NAME: _____

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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: _____

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ANIMAL CELLS

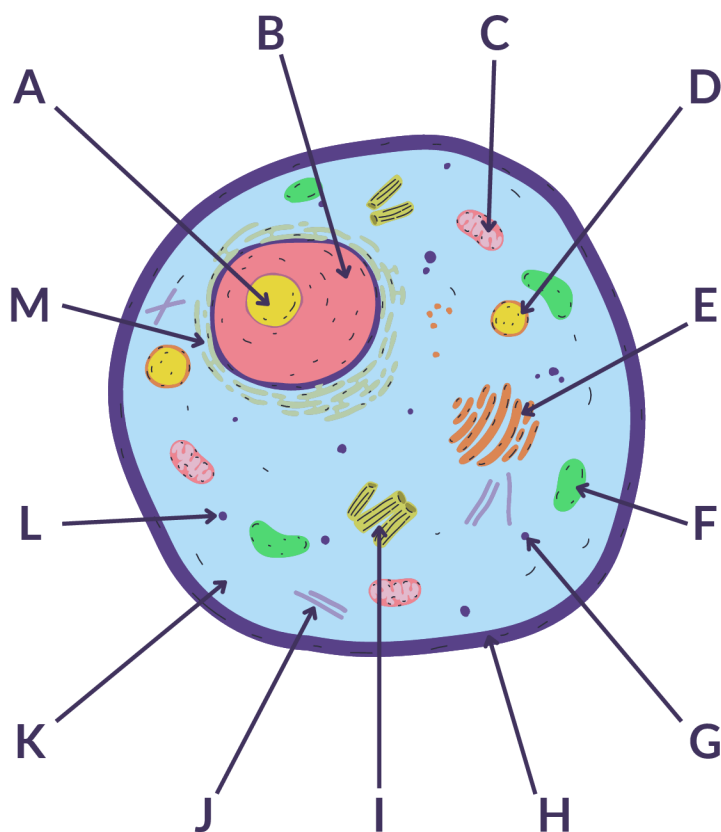
Use the words listed in the word bank to label each part of the animal cell.

cytoplasm
centrosomes
microtubules

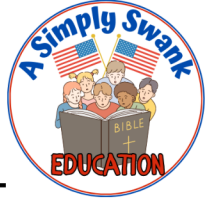
ribosome
vacuole
nucleolus

nucleus
golgi body
lysosome

cell membrane
mitochondria
endoplasmic reticulum



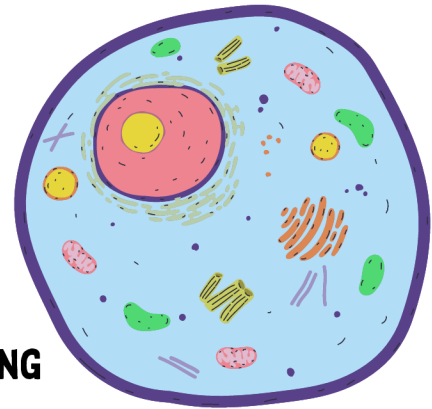
- A _____
- B _____
- C _____
- D _____
- E _____
- F _____
- G _____
- H _____
- I _____
- J _____
- K _____
- L _____
- M _____



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.

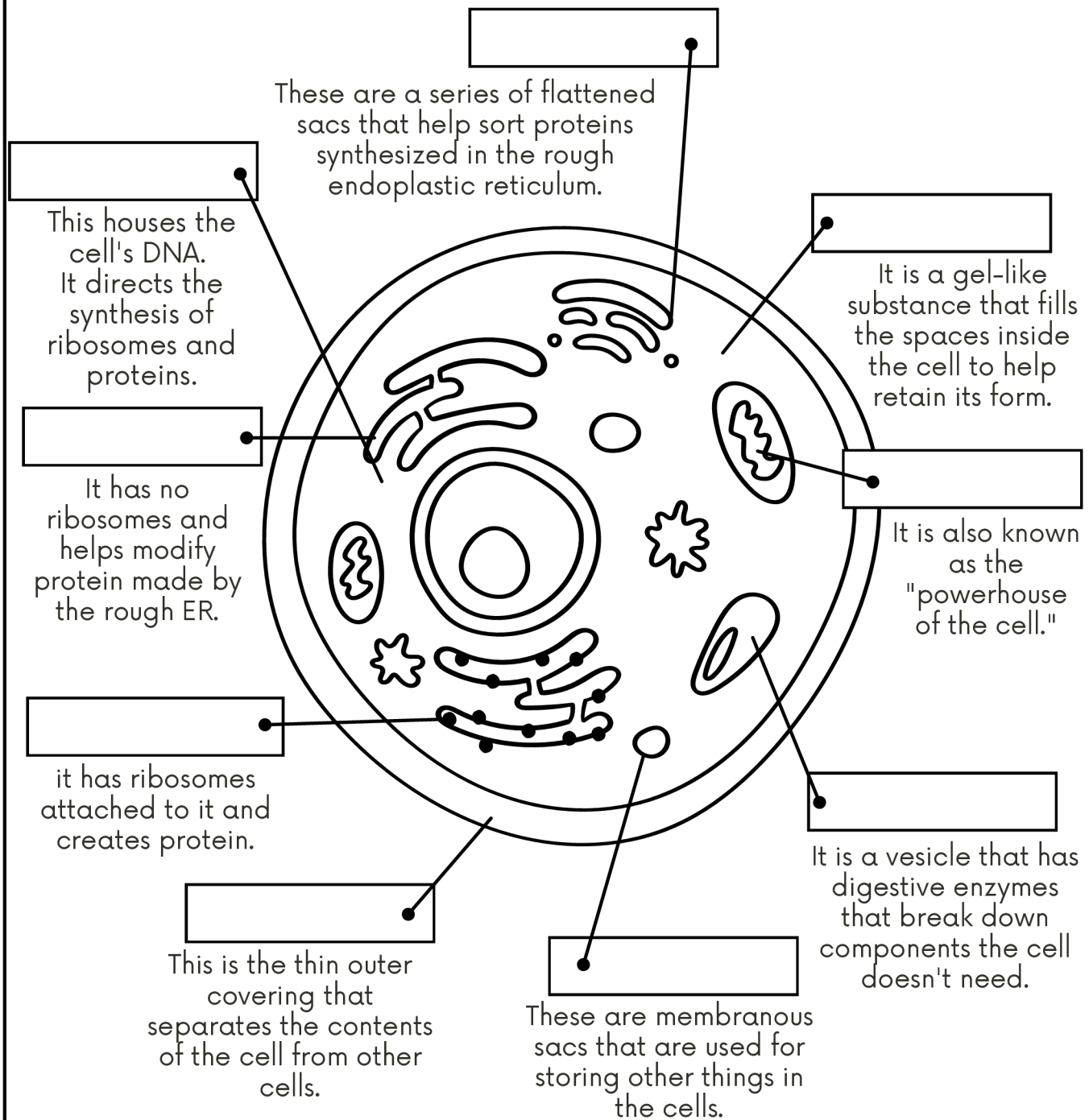
CYTOPLASM

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?

