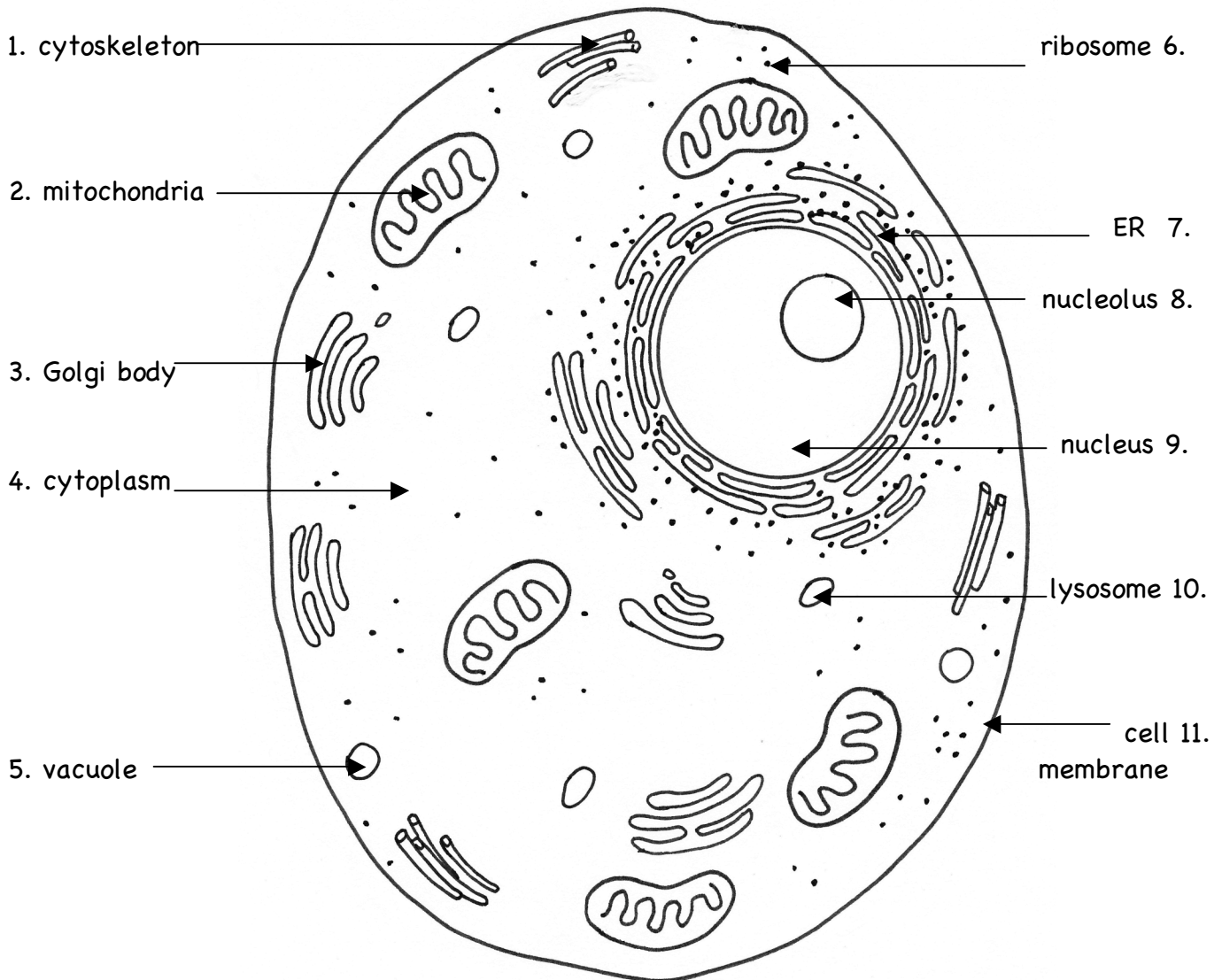
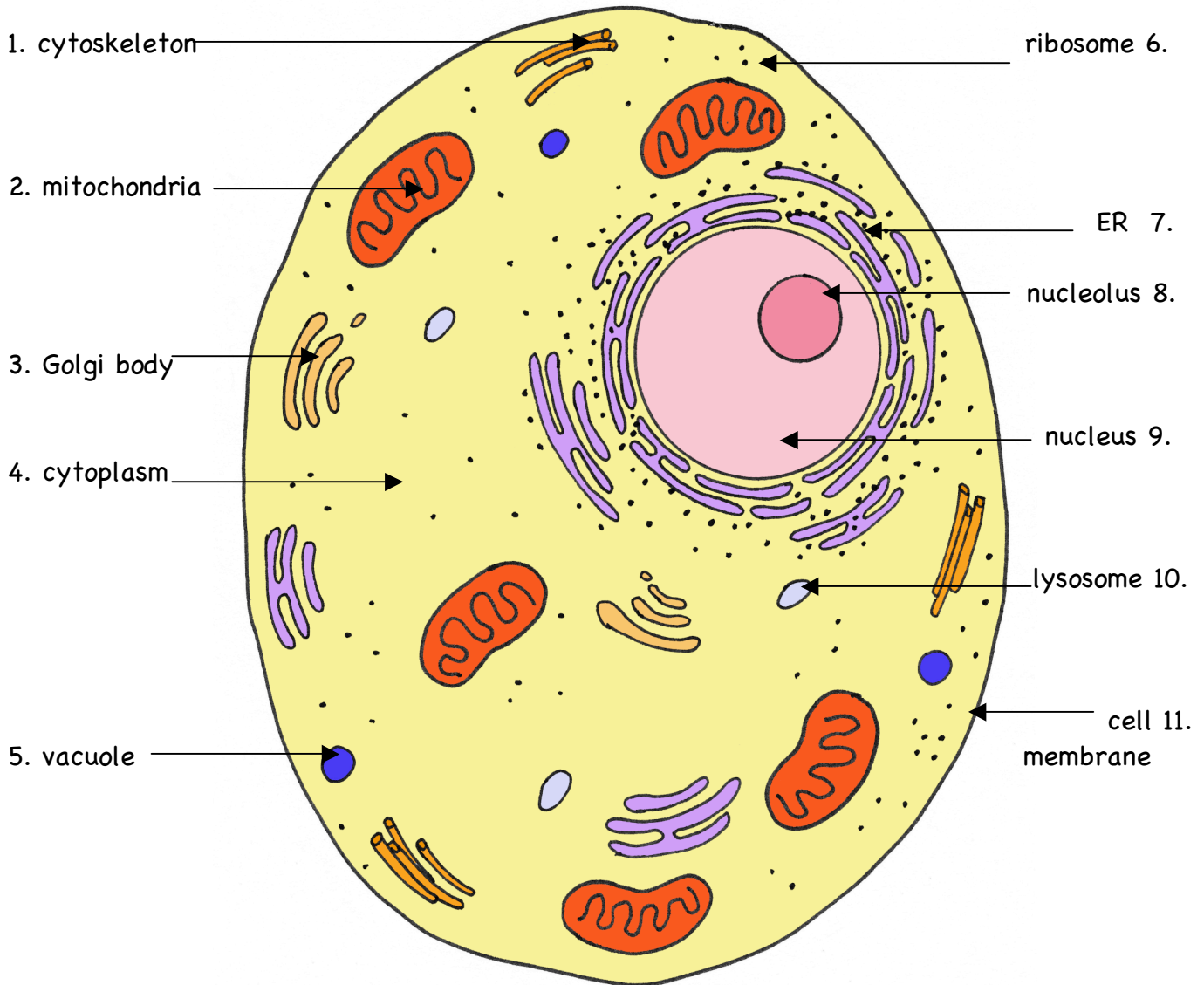


The Animal Cell to Color

Name: _____

Color the animal cell drawn below. Use the colors indicated in the box.*(Note: The lysosomes are oval and the vacuoles are more rounded.)***Parts of an animal cell:****cell membrane** - surrounds the internal cell parts; controls passage of materials in and out of the cell**cytoplasm** - everything inside of the cell membrane except for the nucleus (light yellow)**nucleus** - control center of the cell; contains DNA (light pink)**nucleolus** - composed of protein and RNA; involved in ribosome production (dark pink)**cytoskeleton** - provides strength and shape to the cell; network of protein fibers (orange)**endoplasmic reticulum (ER)** - passageways that transport proteins within the cell (purple)**mitochondria** - produces energy (rust or red)**vacuole** - vesicle that provides storage of water and other materials (navy)**lysosome** - vesicle that contains substances that break down materials (blue)**Golgi body** - packages and transports proteins from the ER to other parts of the cell (gold)**ribosomes (the dots)** - where proteins are made in the cell

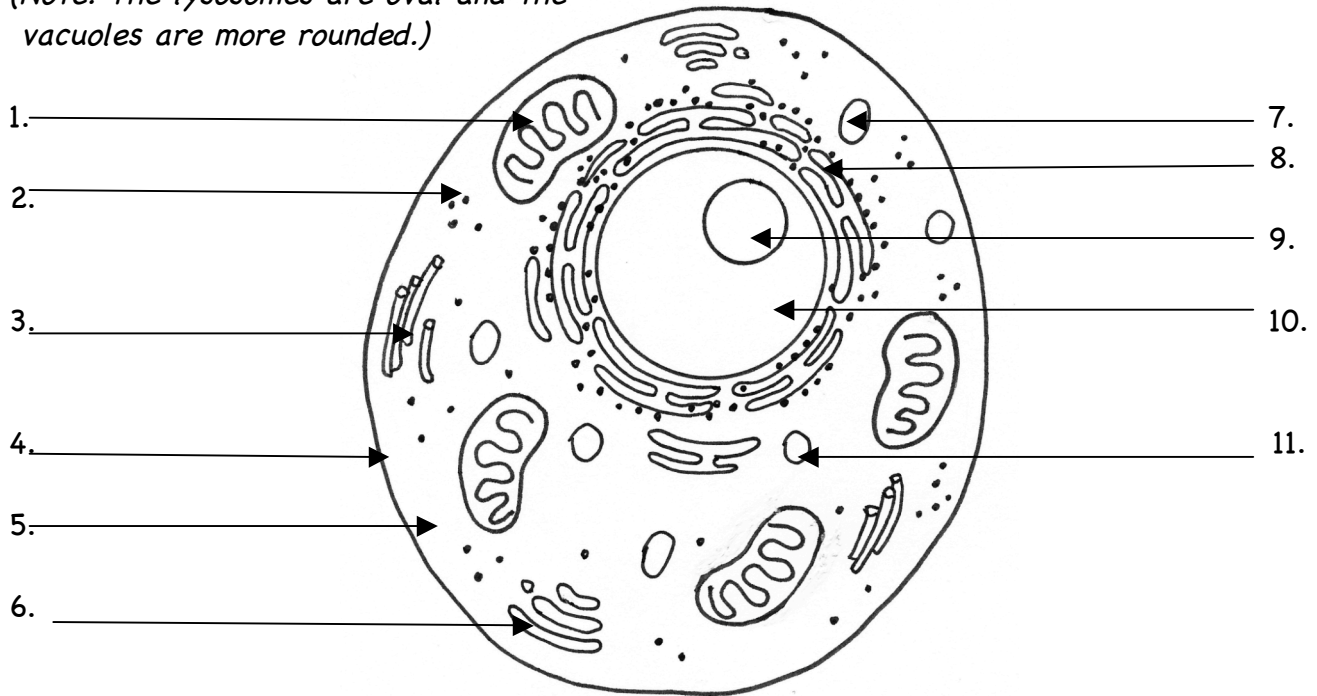
The Animal Cell to ColorName: **KEY****Color the animal cell drawn below. Use the colors indicated in the box.***(Note: The lysosomes are oval and the vacuoles are more rounded.)***Parts of an animal cell:****cell membrane** - surrounds the internal cell parts; controls passage of materials in and out of the cell**cytoplasm** - everything inside of the cell membrane except for the nucleus (light yellow)**nucleus** - control center of the cell; contains DNA (light pink)**nucleolus** - composed of protein and RNA; involved in ribosome production (dark pink)**cytoskeleton** - provides strength and shape to the cell; network of protein fibers (orange)**endoplasmic reticulum (ER)** - passageways that transport proteins within the cell (purple)**mitochondria** - produces energy (rust or red)**vacuole** - vesicle that provides storage of water and other materials (navy)**lysosome** - vesicle that contains substances that break down materials (blue)**Golgi body** - packages and transports proteins from the ER to other parts of the cell (gold)**ribosomes** (the dots) - where proteins are made in the cell

The Animal Cell Worksheet

Name: _____

Label the animal cell drawn below and then give the function of each cell part.

(Note: The lysosomes are oval and the vacuoles are more rounded.)



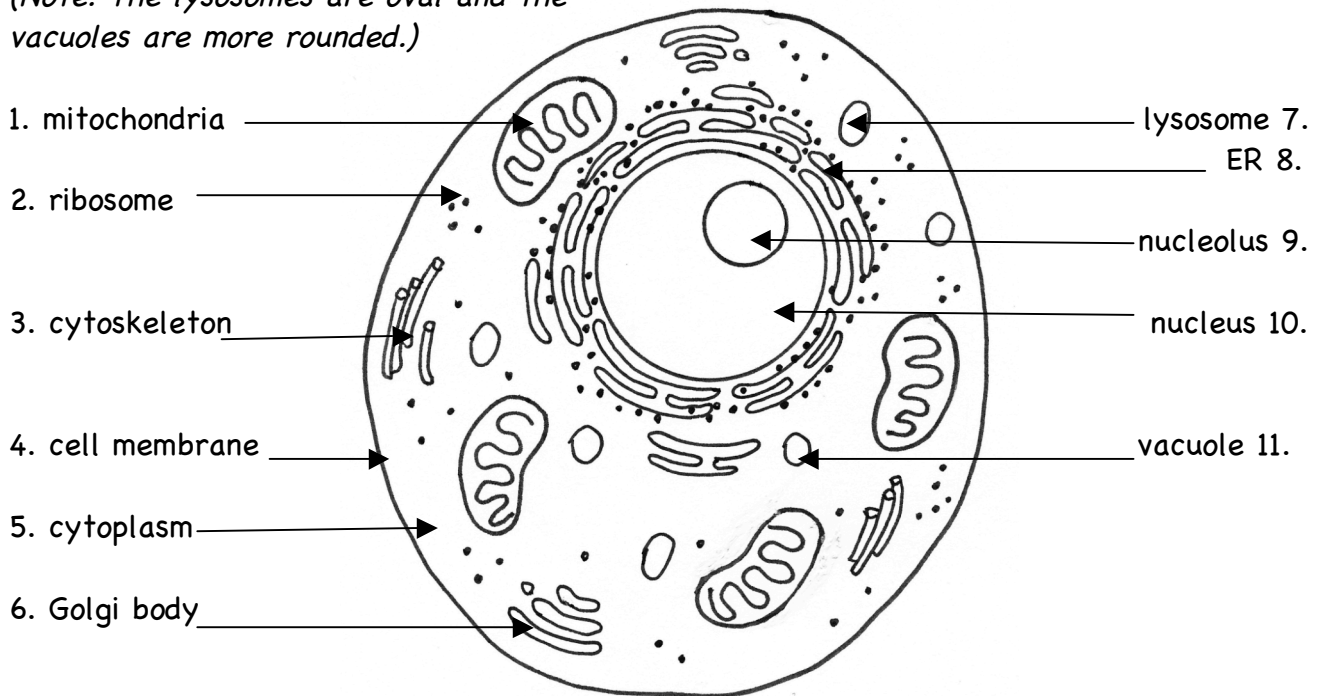
| Cell Part: | Function of Cell Part: |
|---------------------------|-------------------------------|
| 12. nucleus | |
| 13. endoplasmic reticulum | |
| 14. ribosome | |
| 15. cytoplasm | |
| 16. nucleolus | |
| 17. Golgi body | |
| 18. cell membrane | |
| 19. cytoskeleton | |
| 20. lysosome | |
| 21. mitochondria | |
| 22. vacuole | |

The Animal Cell Worksheet

Name: **KEY**

Label the animal cell drawn below and then give the function of each cell part.

(Note: The lysosomes are oval and the vacuoles are more rounded.)



| Cell Part: | Function of Cell Part: |
|---------------------------|---|
| 12. nucleus | control center of the cell; contains DNA |
| 13. endoplasmic reticulum | ER; passageways that transport proteins within the cell |
| 14. ribosome | where proteins are made in the cell; the dots |
| 15. cytoplasm | everything inside of the cell membrane except for the nucleus |
| 16. nucleolus | composed of protein and RNA; involved in ribosome production |
| 17. Golgi body | packages and transports proteins from the ER to other parts of the cell |
| 18. cell membrane | surrounds the internal cell parts; controls passage of materials in and out of the cell |
| 19. cytoskeleton | provides strength and shape to the cell; network of protein fibers |
| 20. lysosome | vesicle that contains substances that break down materials |
| 21. mitochondria | produces energy |
| 22. vacuole | vesicle that provides storage of water and other materials |

The Animal Cell Quiz

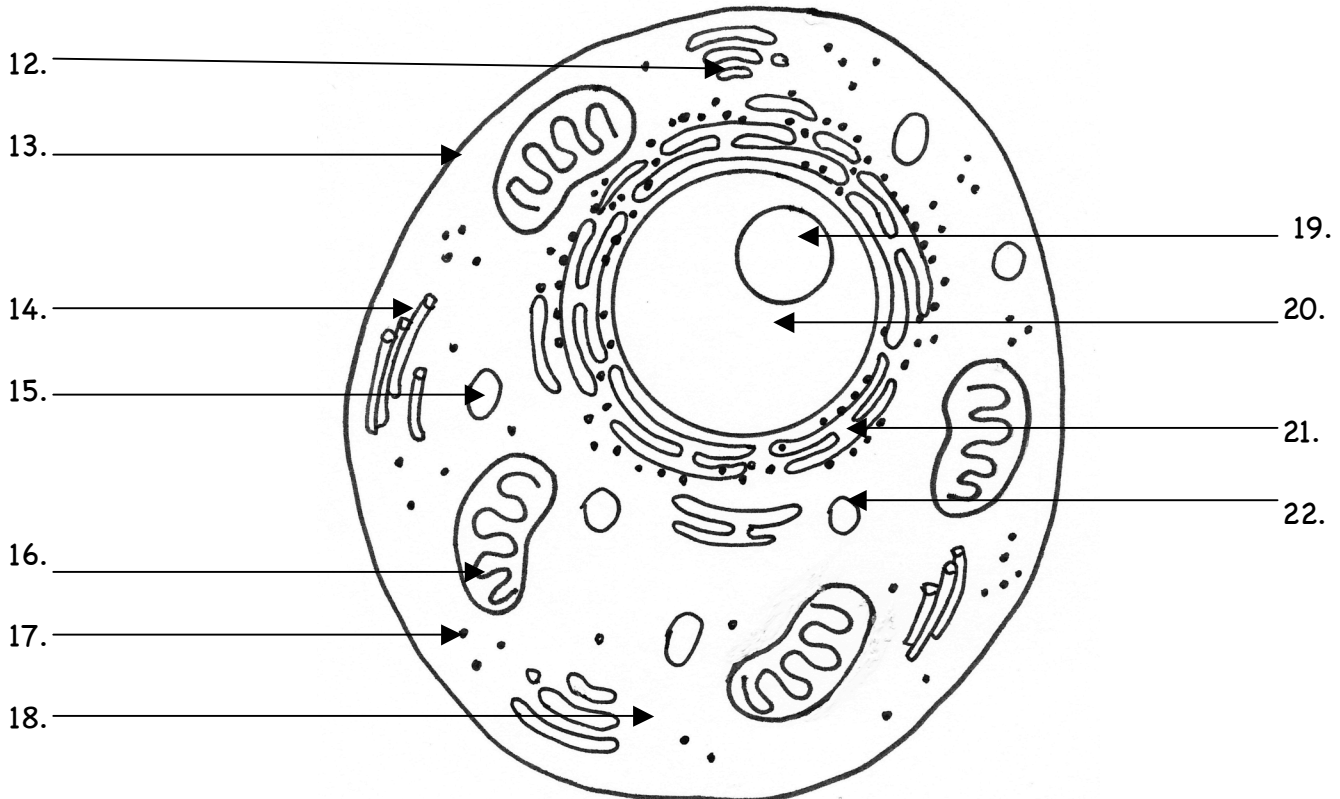
Name: _____

Use the word bank to answer the questions and label the drawing below.

| | | |
|------------------|---------------|--------------------------|
| A. ribosome | E. nucleus | I. cytoskeleton |
| B. mitochondria | F. vacuole | J. cytoplasm |
| C. cell membrane | G. Golgi body | K. endoplasmic reticulum |
| D. nucleolus | H. lysosome | |

- _____ where proteins are made in the cells; the dots
- _____ provides strength and shape to the cell; network of protein fibers
- _____ control center of the cell; contains DNA
- _____ surrounds the internal cell parts; controls the passage of materials in and out
- _____ vesicle that contains substances that break down materials
- _____ produces energy
- _____ composed of protein and RNA; involved in ribosome production
- _____ vesicle that provides storage of water and other materials
- _____ packages and transports proteins from the ER to other parts of the cell
- _____ ER; passageways that transport proteins within the cell
- _____ everything inside of the cell membrane except for the nucleus

Write the letter from the word bank on the correct line. (Note: The lysosomes are oval and the vacuoles are more rounded.)



The Animal Cell Quiz

Name: KEY

Use the word bank to answer the questions and label the drawing below.

| | | |
|------------------|---------------|--------------------------|
| A. ribosome | E. nucleus | I. cytoskeleton |
| B. mitochondria | F. vacuole | J. cytoplasm |
| C. cell membrane | G. Golgi body | K. endoplasmic reticulum |
| D. nucleolus | H. lysosome | |

1. A where proteins are made in the cells; the dots
2. I provides strength and shape to the cell; network of protein fibers
3. E control center of the cell; contains DNA
4. C surrounds the internal cell parts; controls the passage of materials in and out
5. H vesicle that contains substances that break down materials
6. B produces energy
7. D composed of protein and RNA; involved in ribosome production
8. F vesicle that provides storage of water and other materials
9. G packages and transports proteins from the ER to other parts of the cell
10. K ER; passageways that transport proteins within the cell
11. J everything inside of the cell membrane except for the nucleus

Write the letter from the word bank on the correct line. (Note: The lysosomes are oval and the vacuoles are more rounded.)

