

Name: _____

Date: _____

Science _____

Cells Review Worksheet

Part A.

1. Define *cell*. _____
2. Define *protoplasm*. _____
3. List the 3 *parts* of protoplasm. _____

Part B.

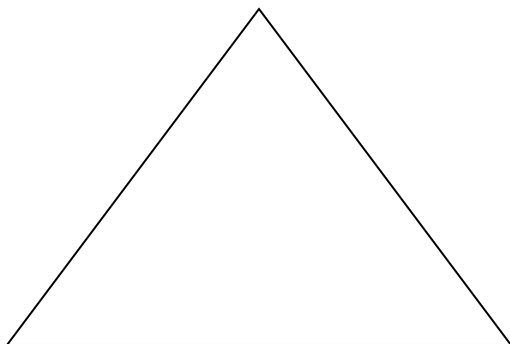
Organelle	Visual	*Function*
1.		1. holds all other organelles; Part of protoplasm.
2.	X X	2. Gives cell instruction; made of DNA; "blueprints"
3. Nucleus		3.
4.		4. Stores food, water, & enzymes. "Tupperware"
5. Nucleolus		5.
6.		6. Assembles proteins; protein synthesis
7. E. R.		7.
8. Mitochondrion		8.
9.		9. Allows materials in & out of the cell. "gate keeper"
10.		10. Helps with cell division; only in animal cells
11. Golgi body		11.
12. Lysosome		12.
13.		13. Supports, protects, & gives shape. "girdle"
14.		14. Aids in photosynthesis; green organelle in plants.

15. Which organelles are not found in an animal cell. _____

16. Explain the relationship between chloroplast and chlorophyll.

Part C.

List the division of labor of organisms from less complex to most complex, and *give* an example for each.



6. Circle one: An organ is made up of (the) same / different groups of tissue.

7. Fill in the simple lists below:

Plant Organs

Human Organs

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

8. Organ systems

- ___ 1. Endocrine System
- ___ 2. Skeletal System
- ___ 3. Respiratory System
- ___ 4. Circulatory System
- ___ 5. Muscular System
- ___ 6. Nervous System
- ___ 7. Digestive System
- ___ 8. Reproductive System
- ___ 9. Excretory System

- A. Gets rid of liquid wastes
- B. Producing more of the same kind
- C. Produces hormones to help regulate body
- D. Transports materials throughout the body
- E. Provides support, protection, & attachment for muscles
- F. Needed for locomotion & movement
- G. Controls breathing & production of energy
- H. Controls responding to stimuli, thinking & senses
- I. Breaks food into small molecules for body use

**Studying Tips:

1. Study cell terms, notes, & plant/ animal cell diagram
2. Re-take old cell quizzes; you have the answers to both!
3. Study this Review Worksheet; have your parents quiz you!
4. Use Quia.