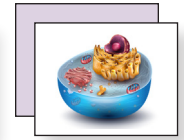


kids' kreation



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105

CELLS

Proclaiming the God of the impossible

Jesus wove together 50 trillion very complex cells to form your body—an impossible feat for anyone else.

Here is a simple drawing of a single cell.

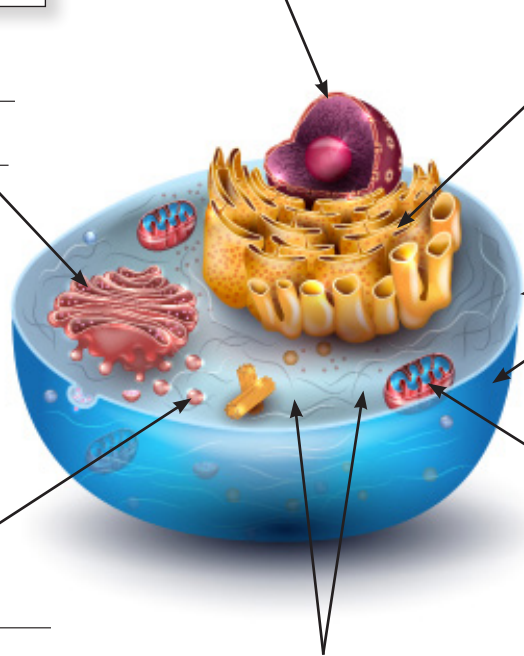
Name: _____

Job: _____

Name: _____

Job: _____

Try your hand at naming each of the organelles shown in the picture and briefly describe their job in the cell. (Answers are on back page.)



Name: _____

Job: _____

Name: _____

Job: _____

Name: _____

Job: _____

Name: _____

Job: _____

Name: _____

Job: _____

Millions of things are happening in each of your cells right now. Who other than God could orchestrate such an enormous undertaking?!

Cells do not stand still. Their organelles constantly move around inside and cells regularly change shape.

PHOTO CREDITS

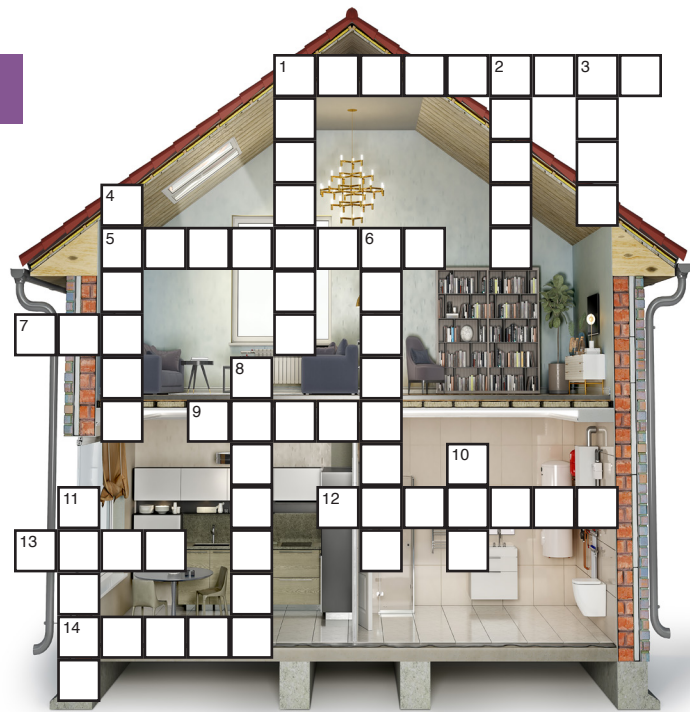
Cell—© Tefi / Shutterstock
House—© studiovin / Shutterstock
Organelles—© Tefi / Shutterstock

CROSSWORD

Answers to CROSSWORD found in *kids' kreation* # 104

- Down:** 1. SUPERNOVA 2. MASS
3. WISP 5. MILLION 6. NUCLEAR
7. ELECTRONS 8. LIGHT
Across: 1. STARS 4. GALAXIES
5. MINUTES 9. LUCIFERIN
10. AURORAS 11. SUN

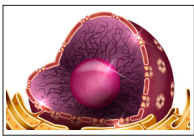
The words used in the CROSSWORD are taken from the articles found in *CREATOR* Volume 26 Number 1.



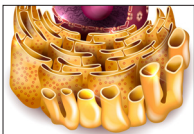
A cell is like a house with many rooms.

Across

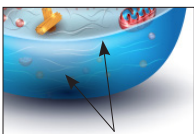
- The smooth endoplasmic reticulum (smooth ER) is a “cupbearer”—it removes harmful _____ from the cell.
- Proteins are manufactured by a tiny machine called a _____.
- _____ contains the instructions on how to build the protein molecules in a cell.
- Mitochondria are unique organelles that break down _____ into energy.
- “For you formed my inward parts; you _____ me together in my mother’s womb” (Psalm 139:13 ESV).
- We can liken a cell to a well-managed _____.
- A lysosome is an organelle that helps keep the cell free from _____ and debris.



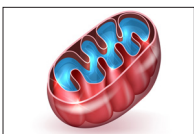
Name: Nucleus
Job: Control center of the cell



Name: Endoplasmic reticulum
Job: Makes proteins



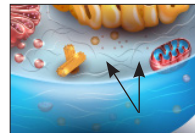
Name: Cell membrane
Job: Protects cell



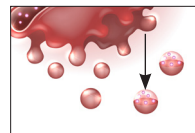
Name: Mitochondrion
Job: Energy factory

Down

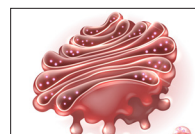
- The liquid inside our cells is called _____.
- Each of our bodies is composed of 50 trillion _____.
- All _____ is made up of cells.
- Organelles are the “little _____” of a cell.
- Each of our cells is surrounded by a _____.
- The most important organelle of a cell is the _____.
- In a cell, energy is stored in tiny “batteries” called _____.
- The _____ apparatus is where proteins are distributed both inside and outside the cell.



Name: Cytosol
Job: Cell solution / Liquid of cell



Name: Vesicle
Job: Stores & carries proteins



Name: Golgi apparatus
Job: Packages & ships proteins