

Magic Square on Cells

Directions:

Select the best answer for each of the terms from the numbered definitions. Put the number in the proper space in the magic square box. If the total of the numbers are the same both across and down, you have found the magic number!



Terms

- A. Cell Membrane
- B. Vacuole
- C. Mitochondria
- D. Nucleolus
- E. Golgi Body
- F. Nucleus
- G. Endoplasmic Reticulum
- H. Cytoplasm
- I. Ribosome

Definitions

- 1. The site of protein synthesis.
- 2. Synthesizes ribosomes.
- 3. Used for storage of water and starch, these organelles are very prominent in plant cells.
- 4. Sorts and packages molecules produced by the cell – the “post office” of the cell.
- 5. Convert the energy in glucose to a usable form – the “powerhouse” of the cell.
- 6. A branching network that is involved in the cell transport system and may have ribosomes attached to it.
- 7. Separates the inside of a cell from the external environment & regulates what enters & exits the cell
- 8. Contains the organelles as well as important molecules like water and sugar.
- 9. The control center of the cell that contains DNA.

Answer Box:

A	B	C
D	E	F
G	H	I

Magic number = _____