

NAME: _____

CLASS: _____

DATE: _____

1. What structures distinguish a plant cell from an animal cell?

- | | | | |
|----------------------------|---|----------------------------|---|
| ☐ A | Plant cells have cell walls and chloroplasts. | ☐ B | Plant cells have chloroplasts and ribosomes. |
| ☐ C | Plant cells have cell walls and ribosomes. | ☐ D | Plant cells have chloroplasts and mitochondria. |

2. What tool do you use to view the cells?

- | | | | |
|----------------------------|--------------|----------------------------|------------|
| ☐ A | microscope | ☐ B | pipette |
| ☐ C | metric ruler | ☐ D | centrifuge |

3. The Cell Theory states...

- | | | | |
|----------------------------|--|----------------------------|---|
| ☐ A | living things evolve | ☐ B | cells are the basic unit of structure and organization of organisms |
| ☐ C | the cell is the backbone of all matter | ☐ D | atoms create all matter |

4. Who looked at cork and named the cell?

- | | | | |
|----------------------------|-----------------|----------------------------|----------------|
| ☐ A | Robert Brown | ☐ B | Francesco Redi |
| ☐ C | Van Leeuwenhoek | ☐ D | Robert Hooke |

5. Which statement is a part of the cell theory?

- | | | | |
|----------------------------|---------------------------------------|----------------------------|--------------------------------|
| ☐ A | all cells come from preexisting cells | ☐ B | bacteria are prokaryotic cells |
| ☐ C | humans are multicellular | ☐ D | eukaryotic cells are complex |

6. In what organelle is the genetic material found inside?

- | | | | |
|----------------------------|-----------------------|----------------------------|---------------|
| ☐ A | Endoplasmic Reticulum | ☐ B | Golgi Complex |
|----------------------------|-----------------------|----------------------------|---------------|

Answers For Chapter Review 7 Life Science

Frederick R. Adler, Miroslav Lovric



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web the direction of a vector $\mathbf{v}$ is the unit vector $\mathbf{u}$ parallel to $\mathbf{v}$ $\mathbf{u} = \frac{\mathbf{v}}{|\mathbf{v}|}$ b given two points p and q the vector from p to q is denoted $\overrightarrow{pq}$ or resultant $\mathbf{v} + \mathbf{w}$ of two vectors $\mathbf{v}$ and $\mathbf{w}$ is the diagonal of the parallelogram with sides $\mathbf{v}$ and $\mathbf{w}$

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