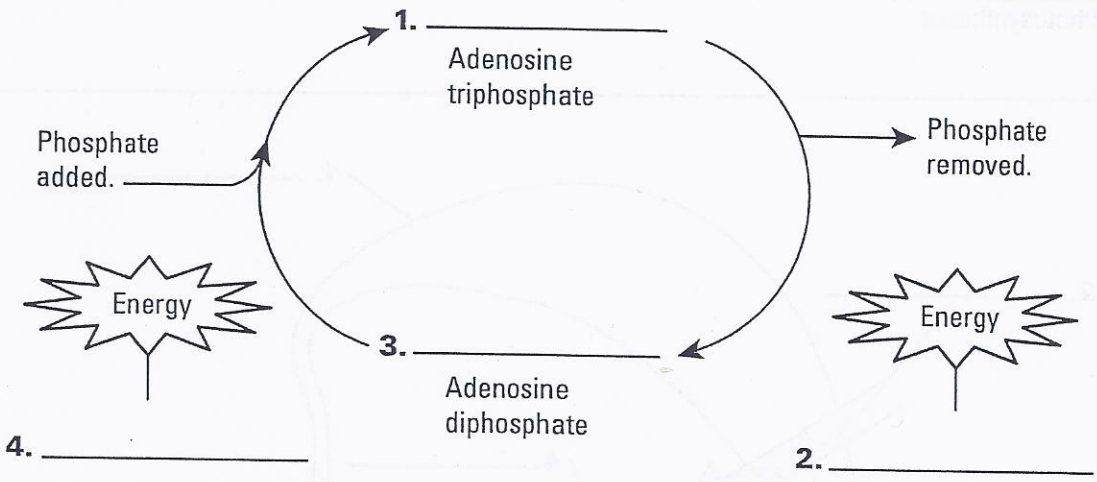
Name Period Date

SECTION 4.1 | CHEMICAL ENERGY AND ATP

Power Notes



Molecule Type	Energy	Details
5. Carbohydrate		
6. Lipid		
7. Protein		

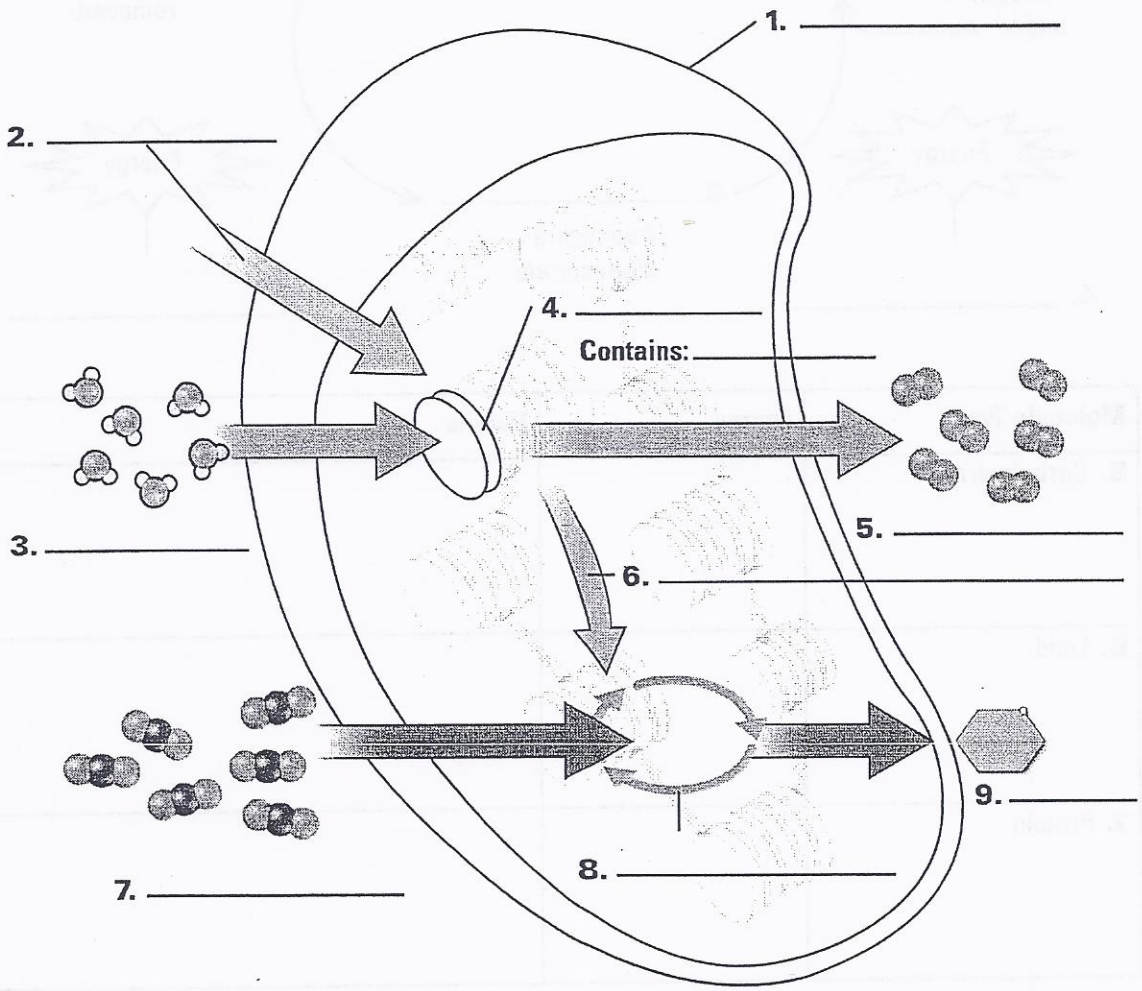
Chemosynthesis is:

Name Period Date

SECTION 4.2 | OVERVIEW OF PHOTOSYNTHESIS

Power Notes

Photosynthesis:



Write the equation for photosynthesis:

Name Period Date

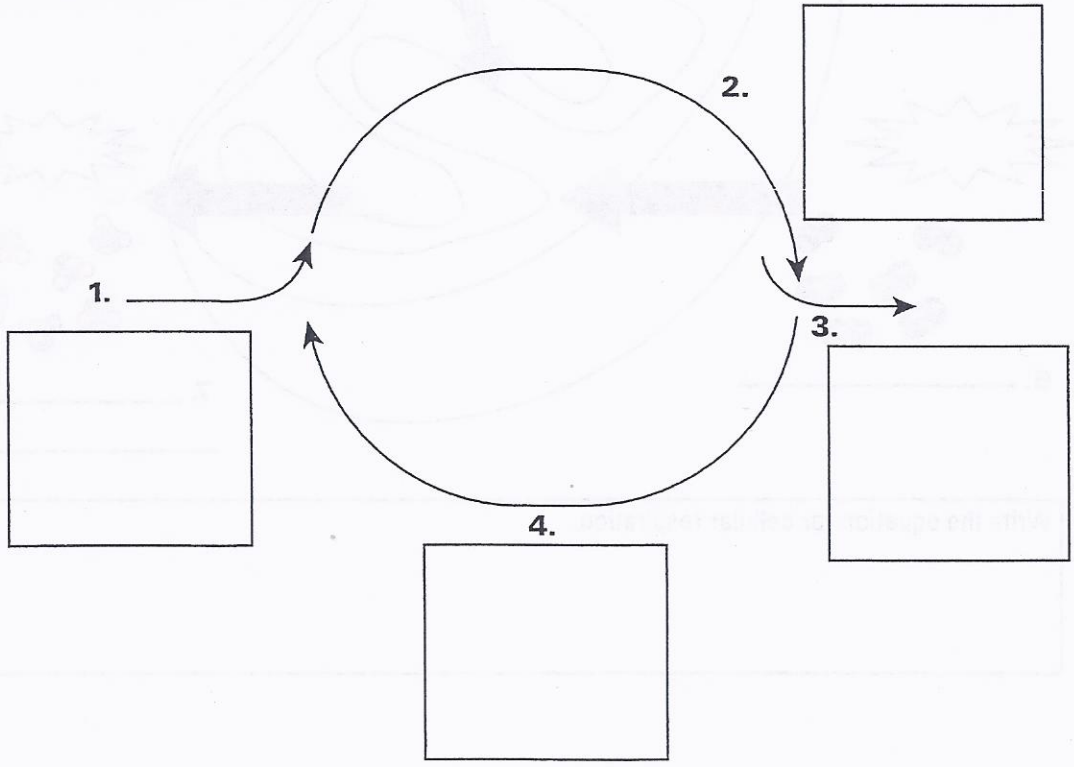
SECTION 4.3 | PHOTOSYNTHESIS IN DETAIL

Power Notes

Light-Dependent Reactions

Step	Description
1	
2	
3	
4	
5	
6	
7	

Light-Independent Reactions



Name Period Date

SECTION 4.5 | CELLULAR RESPIRATION IN DETAIL

Power Notes

Glycolysis:

when oxygen is available

1.

2.

3.

4.

5.

6.

Identify the process:

7. _____

_____

Electron Transport Chain

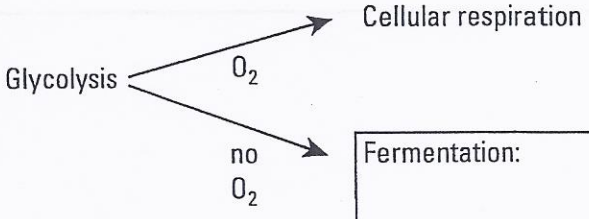
1. → 2. → 3.

4. Oxygen's role in cellular respiration:

Name Period Date

SECTION 4.6

FERMENTATION
Power Notes



Lactic Acid Fermentation

Process:

Alcoholic Fermentation

Process:

Uses of Fermentation

1.

2.

3.