



Biochemistry Key Terms

Organic

_____ :

Inorganic

_____ :

Redox

_____ :

Co-enzymes

_____ :

Phosphorylation

_____ :

Photo-
Phosphorylation

_____ :

_____ :

Photolysis

_____ :

Electron Transport
Chain

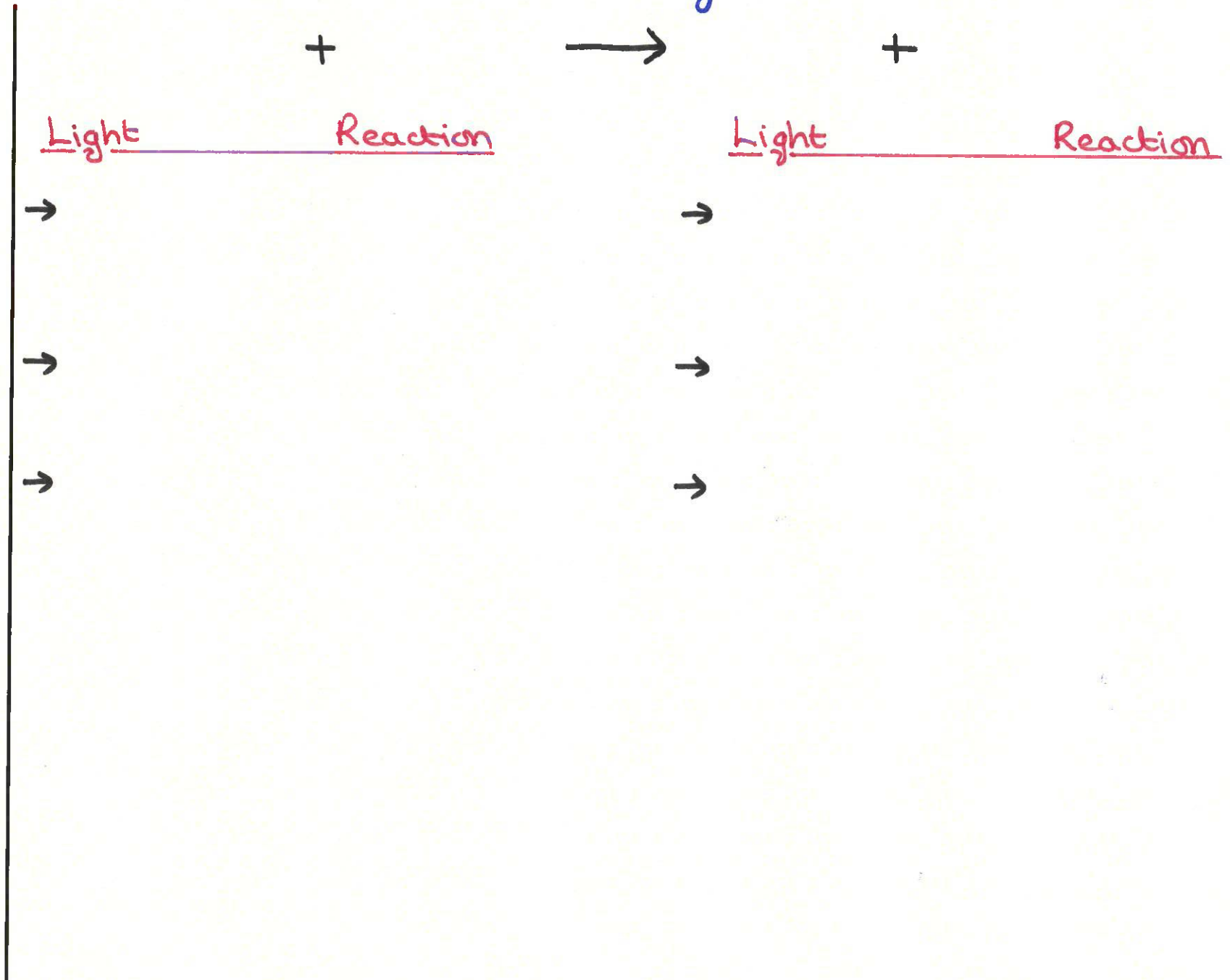
_____ :

Proton



Introduction to Photosynthesis

I 2 3 4 5





The Chloroplast

Chloroplast

_____ :

_____ :

Thylakoid



Stroma

Thylakoid



Grana

Lamellae

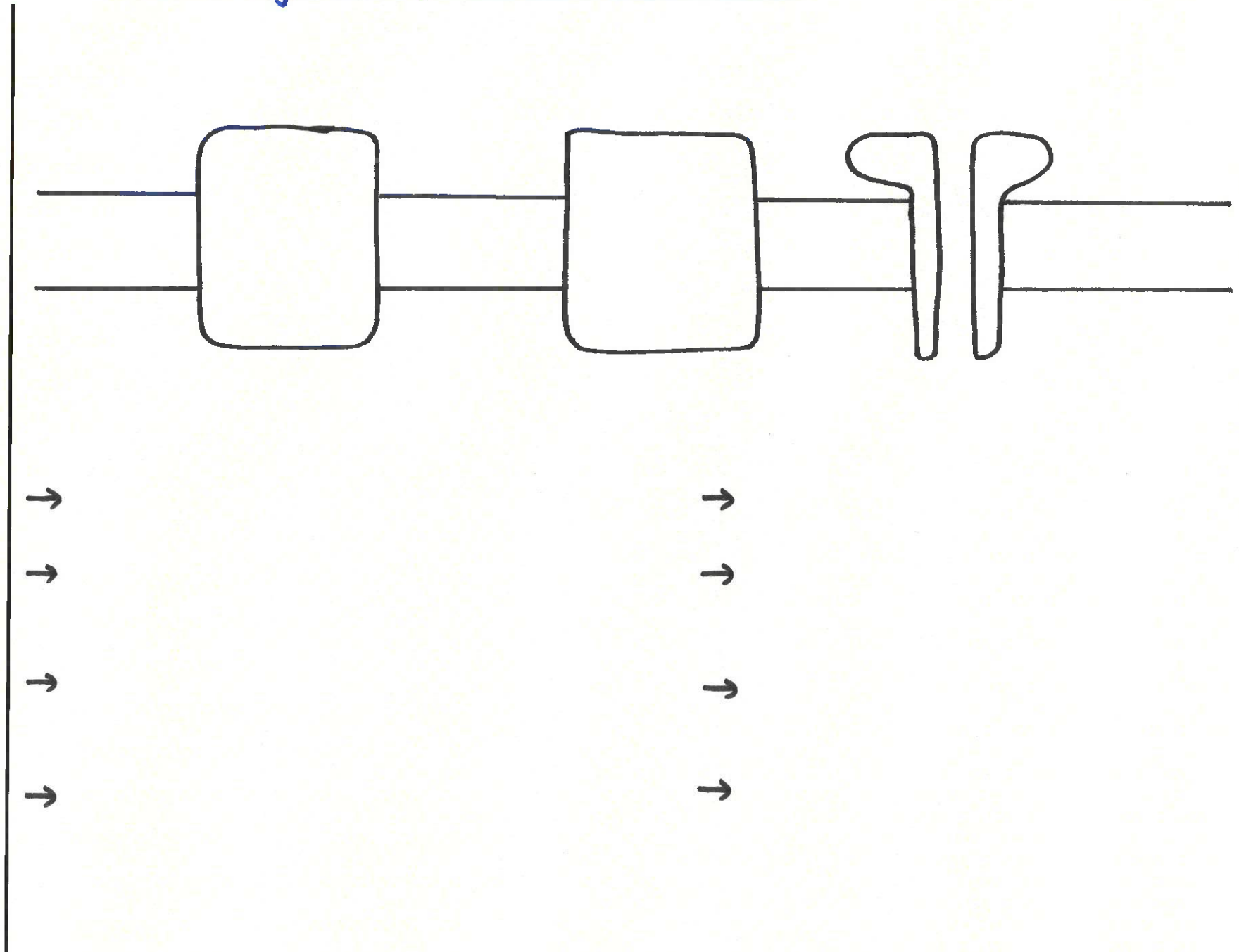
Starch Grain

Chloroplast DNA



The Light Dependent Reaction

1 2 3 4 5





Calvin Cycle

The Light Independent Reaction: The Calvin Cycle

- 1
- 2
- 3
- 4
- 5

_____:

The Calvin Cycle





ATP

TT

ADP

P_i

ATP

Condensation

Hydrolysis

Phosphorylate

ATP is useful because:

