

PIGMENTS -

Funct - to absorb light
energy

Location - thylakoid membr.
in

sep. by - Chloroplast

- ability to form H-bonds
- solubility in solvent

Exercise:

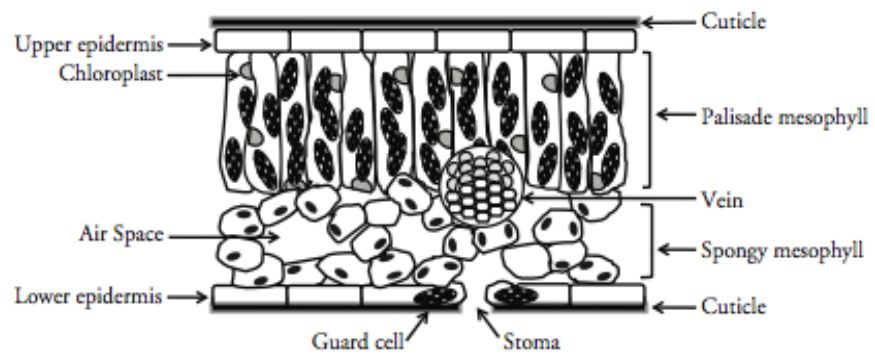
1st 90 sec - lactic acid
fermentation

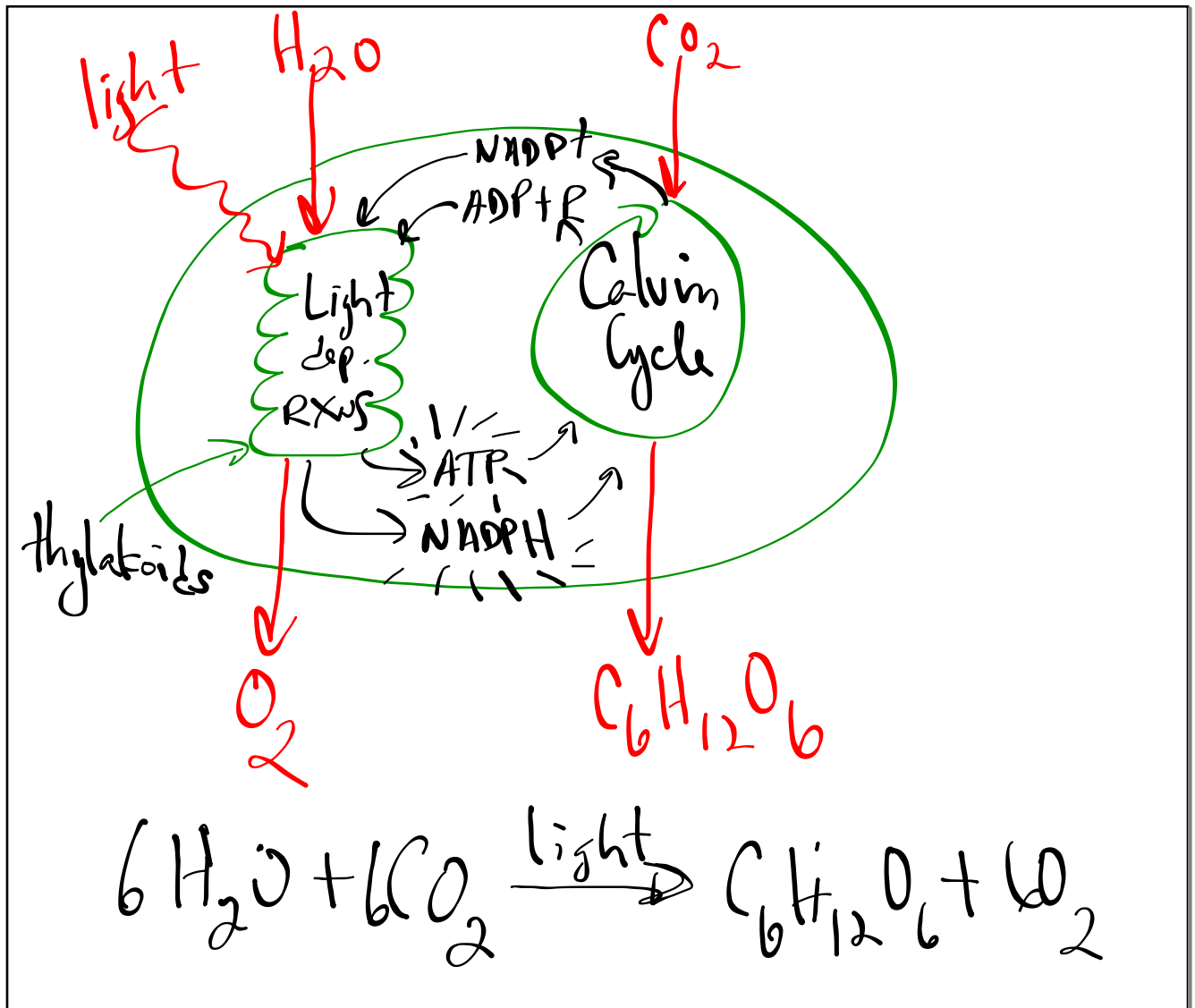
next 15-20 min - -

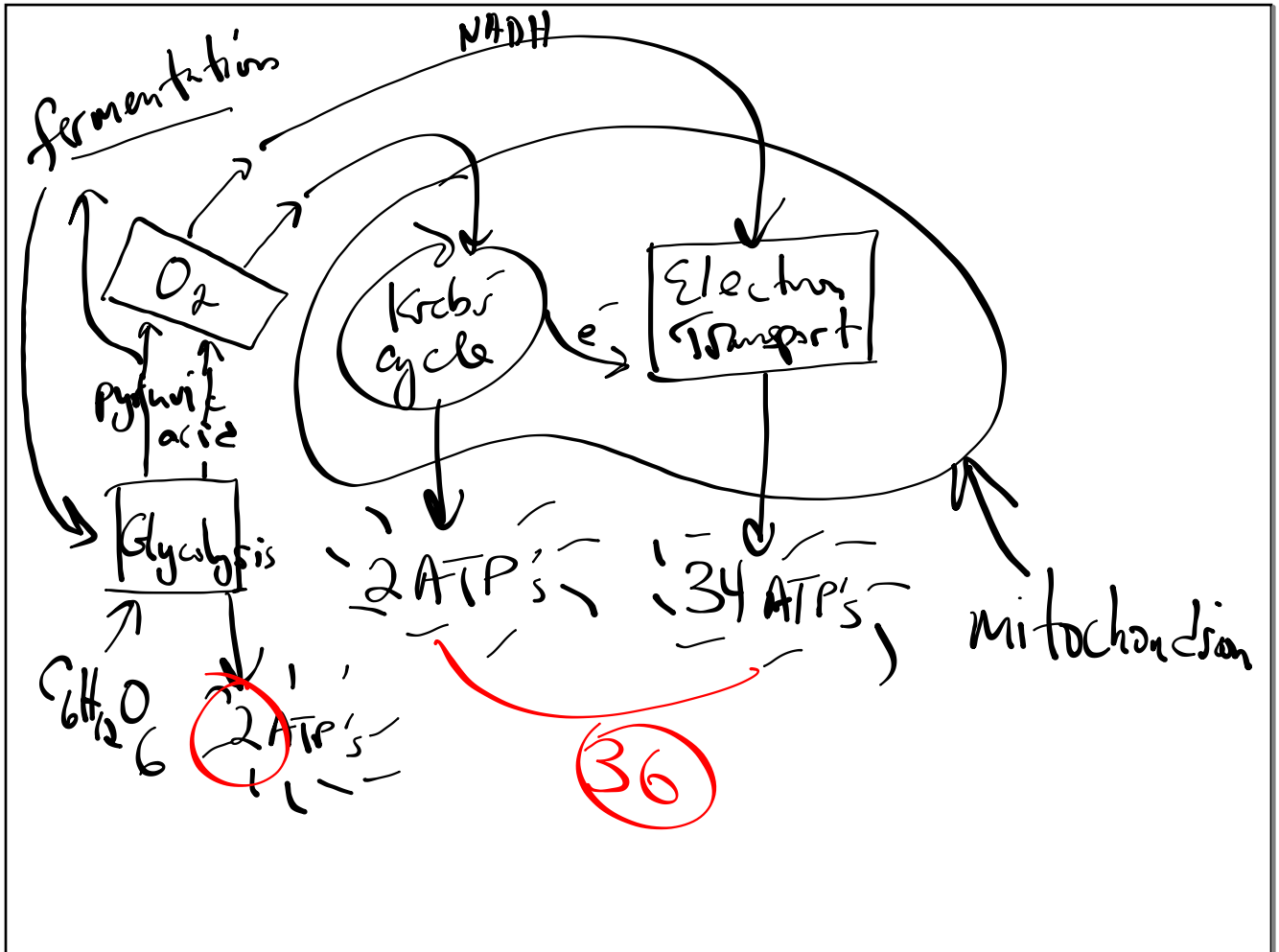
cellular resp.

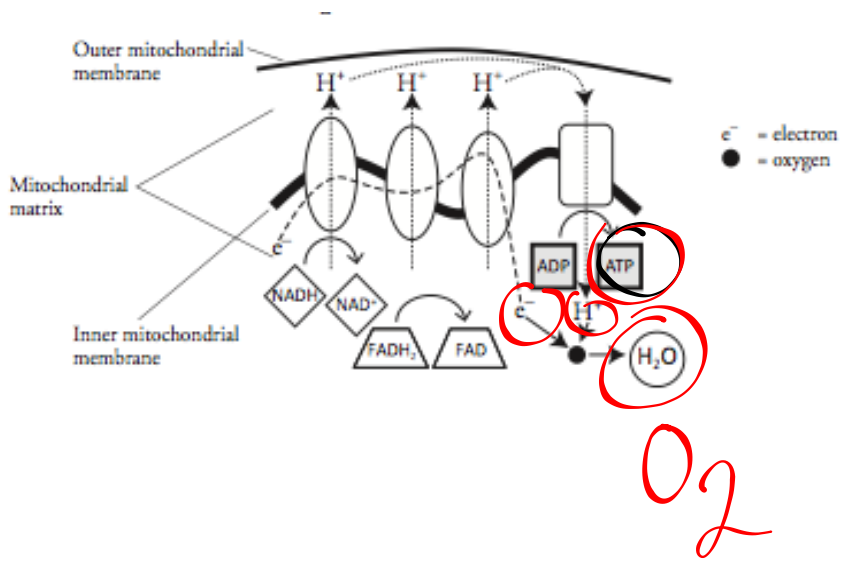
after 15/20 - metabolize fats

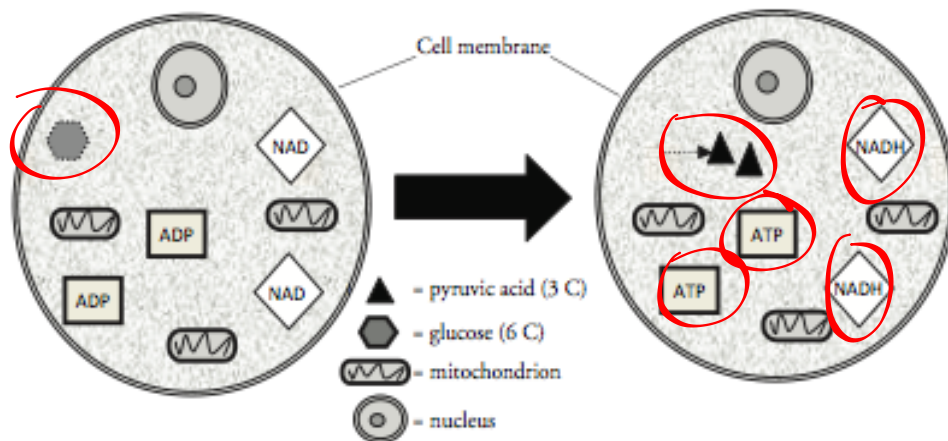
Model 2 – Cross Section of the Internal Structure of a Leaf



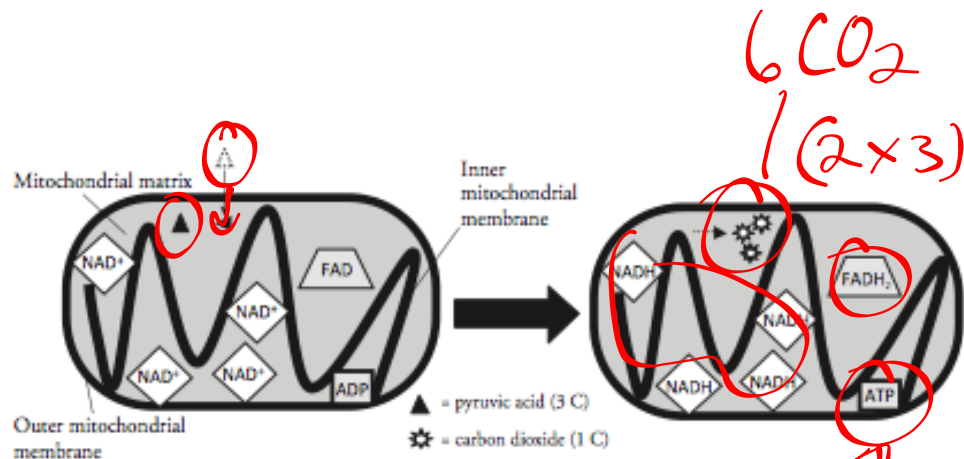




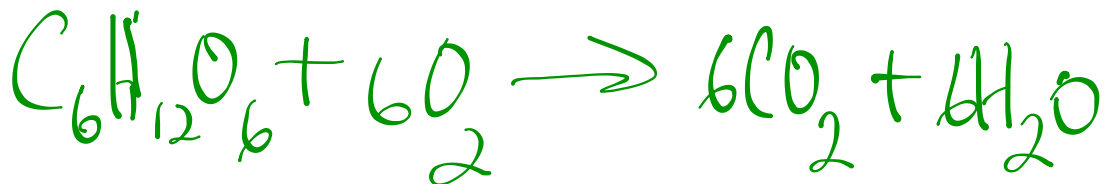




glycolysis



Krebs Cycle



~ 38% efficient
 (~62% is "lost" to heat) + energy