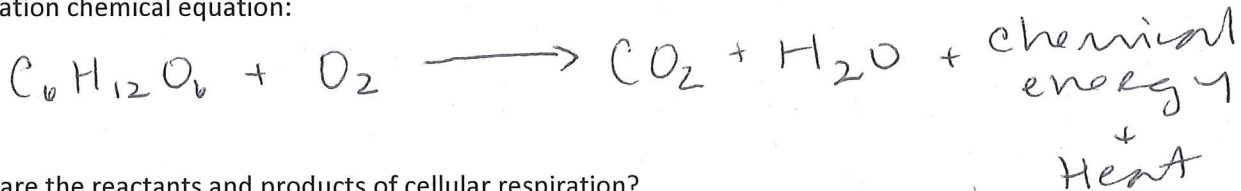


Name: Been
 Period: ALL

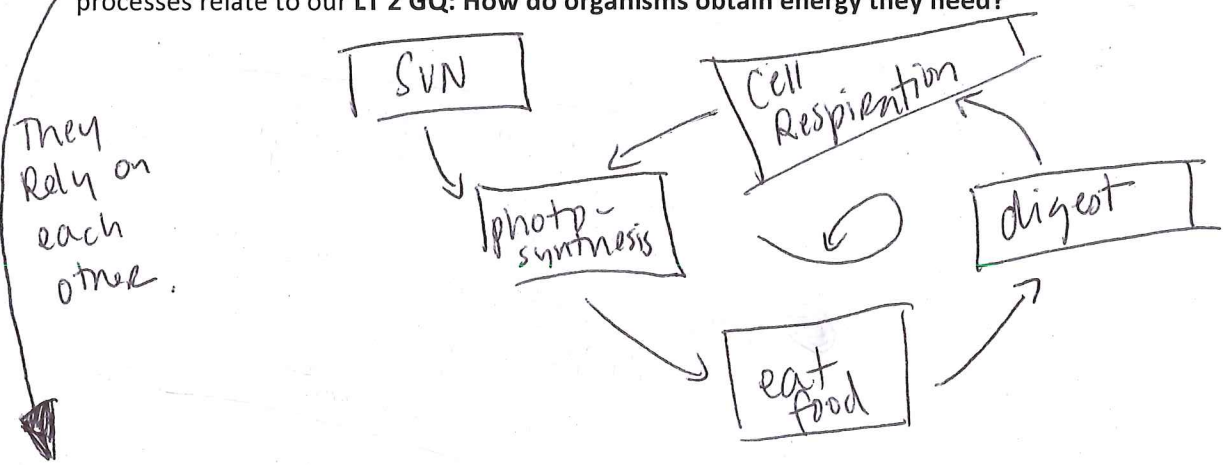
LT 2
 Cell respiration chemical equation:



1. What are the reactants and products of cellular respiration?

Reactants (used)	Products (created)
$C_6H_{12}O_6$ (sugar)	CO_2 (carbon dioxide)
O_2 (oxygen)	H_2O (water)
	Chem energy + Heat

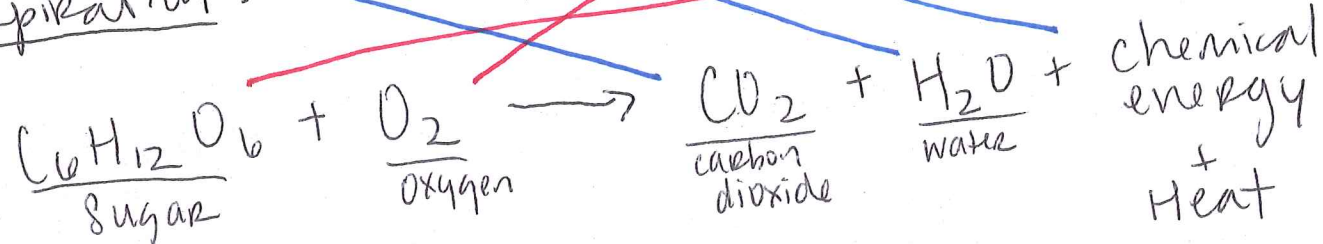
2. Compare photosynthesis and cell respiration reactions. Why are they both needed for life? How do both of these processes relate to our LT 2 GQ: How do organisms obtain energy they need?



photosynthesis:



cell respiration:



establish
pattern
#1

predict
#2

predict
#3

Activity (1min)	# breaths/minute Partner A	# breaths/minute Partner B	Pulse after activity A (Beats per Min)	Pulse after activity B (Beats per Min)
Sitting				
Marching in place				
High knees				

intensity
3. Cell Respiration Rate activity: Make prediction

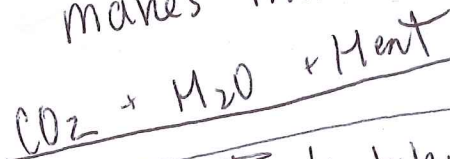
* speed relative to time

● More intense exercise requires more

4. GQ: How do organisms obtain and use energy?

energy
oxygen
sugar
Cell Resp
Breathing

● more intense exercise makes more



know for quiz

1. why do I need to do more Cell Respiration with increased exercise?
2. why do I need to Breathe more with inc. exercise?