

Name: _____ Date: _____ Period: _____

Is it Photosynthesis or Respiration?

Write the word equation for photosynthesis:

Write the word equation for cellular respiration:

Instructions: Use the clues in each question to identify whether or not that scenario is describing photosynthesis or cellular respiration.

#1. This happens in the chloroplast. _____ _____	#2. It requires light energy. _____ _____	#3. It produces carbon dioxide (CO ₂). _____ _____
#4. It produces oxygen (O ₂) _____ _____	#5. One reactant is oxygen (O ₂) _____ _____	#6. One reactant is glucose _____ _____
#7. It does not require light energy. _____ _____	#8. It produces glucose. _____ _____	#9. It produces chemical energy (ATP). _____ _____
#10. It needs carbon dioxide (CO ₂) from the air. _____ _____	#11. This happens in the mitochondria. _____ _____	#12. Only plants can perform this reaction. _____ _____
#13. Both plants and animals can perform this reaction. _____ _____	#14. It makes water. _____ _____	#15. It needs water. _____ _____