Name	Class	Date	
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Chapter 8 Photosynthesis

Section Review 8-2

Reviewing Key Concepts

Matching *Match each scientist with the appropriate experiment or conclusion. Write the letter of the correct scientist on the line provided. A letter may be used more than once.*

a	. Priestley	b. van Helmont	c. Ingenhousz			
	1	. Plants need sunlight to produc	e oxygen.			
	2	2. Plants gain most of their mass by taking in water.				
	3	3. Using a candle and a jar, he observed that plants produce a substance that kept the candle burning.4. He measured the mass of the soil in which a plant grew.				
	4					
	5	. He observed plants exposed to	light.			
Sho	ort Answer On th	ne lines provided, answer the follo	owing questions.			
6.	What is the over	rall equation for photosynthesis?				
7.	Explain how light energy affects a chlorophyll molecule.					
Re	viewing Key \$	Skills				
8.		plant is kept under green-colored of time, what will happen to the	=			
9.	Inferring A plant that has a high amount of the orange pigment carotene would have leaves of what color? Explain your answer.					
10.		eriment Design an experiment to plants. Be sure to include a control				