Name	Class	Date
Skills Worksheet		
Active Reading		
0		
Section: Cellular Respi	iration	
Read the passage below. Then a		that follow
In the first stage of celluthe cytoplasm during a	cular respiration, gluco process called glycol ; bic process that breal two three-carbon pyru or more electrons is can organic acid called p ed during glycolysis st	se is broken down in ysis. Glycolysis is an ks down one six-carbon wates. A molecule that alled an ion. Pyruvate is pyruvic acid. The pyru- ill contain some of the
SKILL: READING EFFECTIVELY		7
Read each question, and write		ace provided
1. What relationship exists be		
2. Glycolysis is classified as a	n anaerobic process.	What does this indicate?
3. What happens to a six-carb	on molecule of glucos	se during glycolysis?
4. What is the source of the enduced through glycolysis?	nergy contained in the	e pyruvate molecules pro-
In the space provided, write the the question. 5. Which of the following three corbons.		colysis?

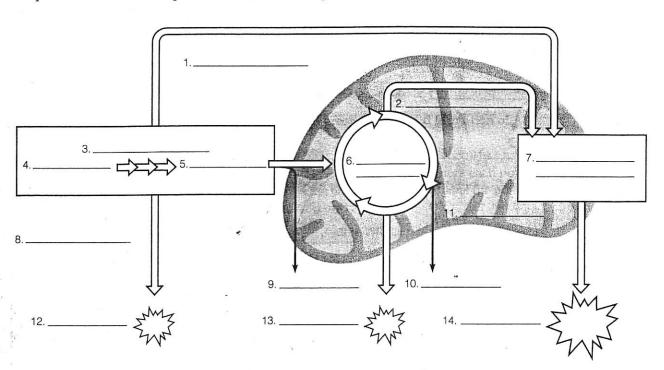
b. two ATP molecules

d. Both (a) and (b)

c. glucose

(Module 6.6)

Figure 6.6 introduces the three stages of cellular respiration. After studying it, see if you can label the diagram below without referring to the text. Include oxidative phosphorylation, pyruvate, mitochondrion, CO2, electrons carried by NADH, citric acid cycle, glycolysis, cytoplasm, ATP, glucose, and electrons carried by NADH and FADH₂. (Note: 3, 6, and 7 are processes, 8 and 11 are places, and the rest are inputs and outputs.)



Note: include the number of ATP molecules produced by each stage.