Name _____ Date _____ Period _____

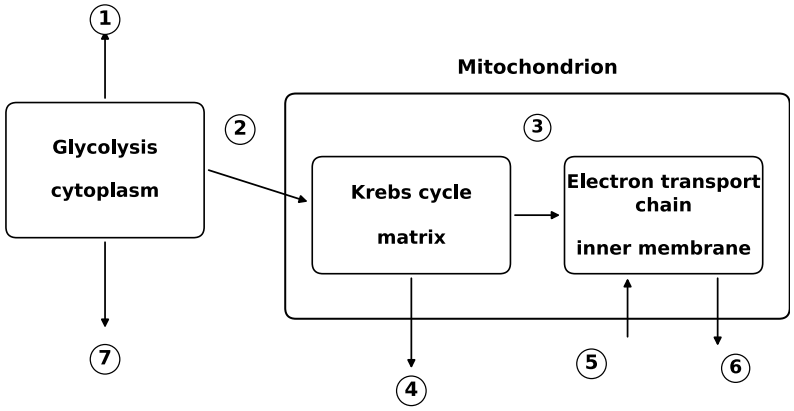
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Stages of Cellular Respiration

Biology

Answer in complete sentences. Use the models and the graph as evidence.

1. The model shows the stages of cellular respiration. Tell what is shown by arrows 3, 4, 5, and 7.



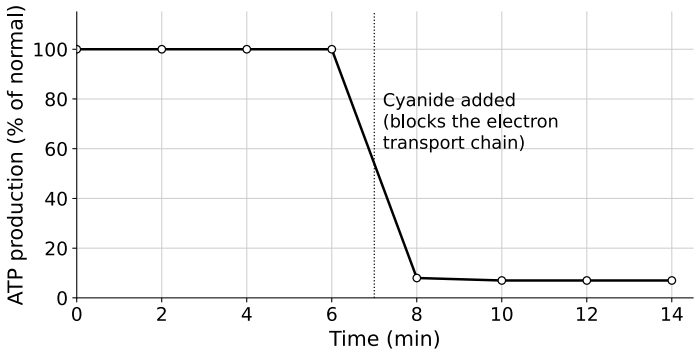
Arrow	What does it show?
3	
4	
5	
7	

2. Complete the table for the three stages.

Stage	Where it happens	ATP per glucose (model)
Glycolysis		
Krebs cycle		
Electron transport chain		

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3. Cyanide blocks the electron transport chain. The graph shows ATP production in cells (sample data).



(a) By what percent did ATP production fall after cyanide was added?

(b) Which stage still works? Use the model numbers to explain the ATP that remains.

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