How William Harvey explained circulation

Name:	Date:
Read about how William Harvey's observat explain how the circulatory system works.	ions and experiments led him to understand and
scientists thought that the lungs moved the the blood for energy as it flowed to the dif- to control our feelings. Harvey observed we the heart pumped blood around the body. out experiments. He was very thorough in	lived 400 years ago. At that time, doctors and blood around the body and that the body used up ferent organs. They also thought the heart's job was ater pumps in London which gave him the idea that He studied the heart and blood vessels and carried his work and spent many hours repeating experiment he work of early doctors to help him build up his
organs and that blood is carried away from through veins. He observed that in one hou blood. This showed him that the body did	works by muscle contraction to pump blood to body in the heart by arteries and returns to the heart ir the heart pumps more than the body's weight in not use up the blood that flowed to body organs. lirection throughout the body and that gases enter
William Harvey's work became so admired who took a great interest in his work on ci	that he became the court physician to King Charles I rculation.
What incorrect ideas did doctors and scien	tists have about circulation 400 years ago?
2 What observation made William Harvey s	start to think about how the heart works?

•	Why did he repeat his experiments?
a	How did Harvey show that the body does not use up the blood that flows to the organs?
	Name three other discoveries that William Hawau made about the singulatory system
_	Name three other discoveries that William Harvey made about the circulatory system.
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