WORLD BOOK

Building Blocks of the Human Body

Name:_____

Date:_____

Class:_____

A "Heart"-y Investigation

At the end of her workout, Nurse Paula Monnary stops to check her pulse. She finds that her heart rate is 138. Do some "hearty" research to find out some facts about Paula's heart structure and functions.

1. What causes Paula to have a pulse?

   _____

2. What is a heart rate?

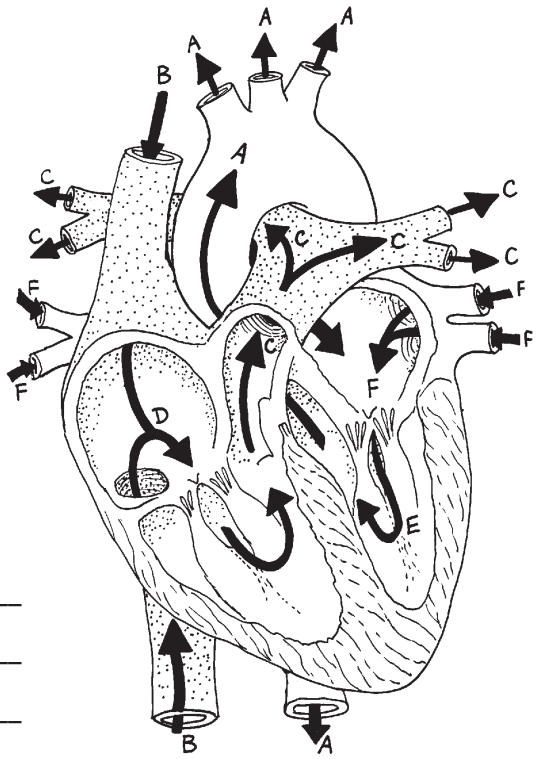
   _____

3. What causes the sound of Paula's heartbeat?

   _____

4. Give a general explanation of the way Paula's heart works to circulate blood around her body. Use the diagram, the letters from the diagram, and these words as a part of your explanation.

pulmonary artery	left ventricle	left atrium
right ventricle	valve	chamber
pulmonary veins	carbon dioxide	muscle
atrium	aorta	lungs
vena cava	right atrium	oxygen



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