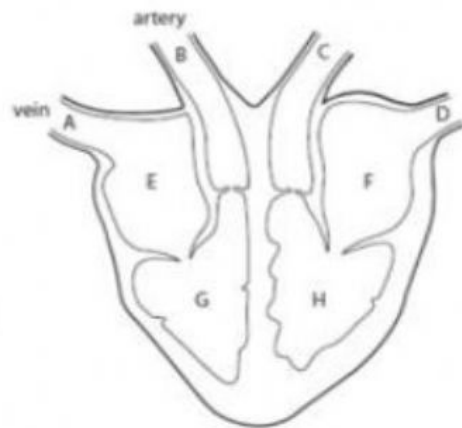


Blood and Circulation

8Bb(8) Blood and circulation

1 The diagram of the heart has a letter in each major blood vessel and in each **chamber**.

- Write out the letters to show the direction that the blood travels through the whole heart, starting from where blood first enters the heart.
- The artery that takes blood to the lungs is called the pulmonary artery. Which letter represents the pulmonary artery?
- Which letters show parts that carry blood with a lot of oxygen?
- Which letters show parts that carry blood without very much oxygen?
- Why does the left side of the heart have a thicker wall than the right?



2 Look at these pictures of blood vessels.



- Which one shows a capillary?
- What is the name of the liquid that leaks out of capillaries and surrounds the cells?
- Blood consists of cells and a liquid. What is the name of this liquid?
- Name one substance that the liquid in your answer to part c carries.
- Name one substance that a red blood cell carries.

Optional extra

- 3** Try to find out the correct names for all the blood vessels and chambers of the heart that are labelled with letters in question 1. Make a copy of the heart diagram and label it with the names you have found.