



Write down everything you notice about the diagram.

Write down everything you wonder about the diagram.

The diagram represents an alveolus and a nearby capillary. Discuss these questions about the diagram.

1. Which structure represents the alveolus and which represents the capillary? How do you know?
2. How do the two structures interact?
3. What do you think the triangles represent? Why?
4. What do you think the circles represent? Why?
5. What is happening to the amount of triangles in structure 2 as you look from left to right? Why do you think this is happening?
6. How does the amount of triangles in structure 1 influence the amount of triangles in structure 2. Why/how does this interaction happen?
7. Which direction do you think the blood is flowing in? Explain your thinking about this.
8. If the boundary between structure 1 and 2 suddenly became impermeable to the circles, would the triangles be impacted in any way? If so how? If not, why not?

Label the diagram with as much detail as you can, including what is happening at different locations.

