



# Mass Flow In Animals

High Surface Area : Volume ( )

e.g.

→

Low Surface Area : Volume

e.g.

→

↳

→

→

→

↳



# Water

Hydrogen  
Bonds

Structure of H<sub>2</sub>O





# Water

Solvent

Water is an excellent solvent

\_\_\_\_\_ :



Cohesion



Water is a Metabolite

Water is useful for Transport

\_\_\_\_\_ :



# Blood Vessels

## Arteries



## Veins



## Capillaries





# Structure of the Human Heart

- 1
- 2
- 3
- 4
- 5

Right Atrium

Left Atrium

Right Ventricle

Left ventricle

①



②



③

