



The National Orthodox School /Shmaisani

Subject: Science/ Biology

Name:


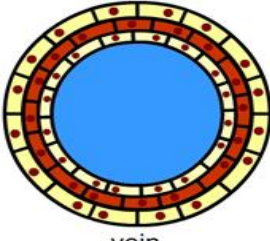

study sheet: Blood Vessels

Date:

Grade-Section: 7 CS

Objective : To compare between the 3 types of the blood vessels .

Fill in the table below to compare between the 3 types of blood vessels .

Diagram	 artery	 vein	 capillary
Name	Artery	Vein	Capillary
Direction	Away from the heart	Back to the heart	A connection between an artery and a vein
Pressure	High pressure	Low pressure	Low pressure
Size of Hole (lumen)	Small	Large	Small
Wall Thickness	Very thick	Thin	One cell thick
Valves	No valves	Valves <i>To prevent the backflow of blood</i>	No valves



Check your understanding :

The diagram below represents two types of blood vessels .



A



B



C

- Name blood vessel **A** : **Artery**
- Name blood vessel **B** : **Capillary**
- Name blood vessel **C** : **Vein**
- Which blood vessel carries blood **at high pressure** ? **A**
- Which blood vessel **carries blood back to the heart** ? **C**
- Which blood vessel has **valves** ? **C**
- Which blood vessel has **pulse** ? **A**