ARTERIES AND VEINS

ARTERIES

VEINS

1. Carry blood BACK TOWARDS heart
2. Pressure low, sluggish
3. Blood propelled by massaging action of nearby organs
4. Valves prevent backflow
5. Walls thin, more flexible; collapse when empty
6. Cross-section often flattened, irregular
7. Collect as a system of tributaries (EXCEPTION: portal veins have distributaries)
8. Sometimes close to surface
9. Usually carry oxygen-poor blood EXCEPTIONS: oxygen-rich in pulmonary veins (and umbilical vein in fetus)