

### **The Cardiovascular System: Factors That Affect Blood Pressure**

1. What are two factors that influence peripheral resistance?
  - a.
  - b.
2. Name two hormones that act as vasoconstrictors and increase blood pressure.
  - a.
  - b.
3. Name one hormone that directly increases blood volume.
4. Categorize the following into:

A. Factors which increase blood pressure

B. Factors that decrease blood pressure

\_\_\_\_ ↓ arterial diameter

\_\_\_\_ ↑ total vessel length

\_\_\_\_ ↑ vessel elasticity

\_\_\_\_ ↓ epinephrine

\_\_\_\_ ↓ blood volume

\_\_\_\_ ↓ angiotensin II

\_\_\_\_ ↓ blood viscosity

\_\_\_\_ ↑ blood volume

\_\_\_\_ ↑ sympathetic stimulation