5. Using the key choices, identify the arteries in the following descriptions.

**KEY CHOICES**

A. Anterior tibial  
B. Aorta  
C. Brachial  
D. Brachiocephalic  
E. Celiac trunk  
F. Common carotid  
G. Common iliac  
H. Coronary  
I. Deep femoral  
J. Dorsalis pedis  
K. External carotid  
L. Femoral  
M. Hepatic  
N. Inferior mesenteric  
O. Intercostals  
V. Renal  
W. Subclavian  
X. Superior mesenteric  
Y. Vertebral  
Z. Ulnar

1. __________  
   Two arteries formed by the division of the brachiocephalic artery

3. __________  
   First branches off the ascending aorta; serve the heart

4. __________  
   __________  
   Two paired arteries serving the brain

6. __________  
   Largest artery of the body

7. __________  
   Arterial network on the dorsum of the foot

8. __________  
   Serves the posterior thigh

9. __________  
   Supplies the diaphragm

10. __________  
    Splits to form the radial and ulnar arteries

11. __________  
    Auscultated to determine blood pressure in the arm

12. __________  
    Supplies the last half of the large intestine

13. __________  
    Serves the pelvis

14. __________  
    External iliac becomes this artery on entering the thigh

15. __________  
    Major artery serving the arm

16. __________  
    Supplies the small intestine and part of the large intestine

17. __________  
    Terminal branches of the dorsal, or descending, aorta

18. __________  
    Arterial trunk that has three major branches, which serve the liver, spleen, and stomach

19. __________  
    Major artery serving the tissues external to the skull

19. __________  
21. __________  
22. __________  
    Three arteries serving the leg

23. __________  
    Artery generally used to feel the pulse at the wrist
8. Using the key choices, identify the veins in the following descriptions.

**KEY CHOICES**

A. Anterior tibial  
B. Azygos  
C. Basilic  
D. Brachiocephalic  
E. Cardiac  
F. Cephalic  
G. Common iliac  
H. Femoral  
I. Gastric  
J. Gonadal  
K. Great saphenous  
L. Hepatic  
M. Hepatic portal  
N. Inferior mesenteric  
O. Inferior vena cava  
P. Internal iliac  
Q. Internal jugular  
R. Posterior tibial  
S. Radial  
T. Renal  
U. Subclavian  
V. Superior mesenteric  
W. Superior vena cava  
X. Ulnar

1. Deep veins; drain the forearm
2. Receives blood from the arm via the axillary vein
3. Drains venous blood from the myocardium of the heart into the coronary sinus
4. Drains the kidney
5. Drains the dural sinuses of the brain
6. Join to become the superior vena cava (2)
7. Drain the leg and foot
8. Carries nutrient-rich blood from the digestive organs to the liver for processing
9. Superficial vein that drains the lateral aspect of the arm
10. Drains the ovaries or testes
11. Drains the thorax, empties into the superior vena cava
12. Largest vein inferior to the thorax
13. Drains the liver
14. Three veins that form/empty into the hepatic portal vein
15. Longest superficial vein of the body
16. Formed by the union of the external and internal iliac veins
17. Deep vein of the thigh