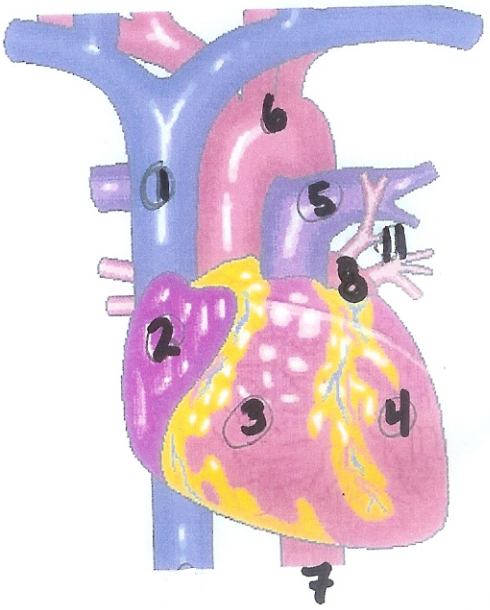
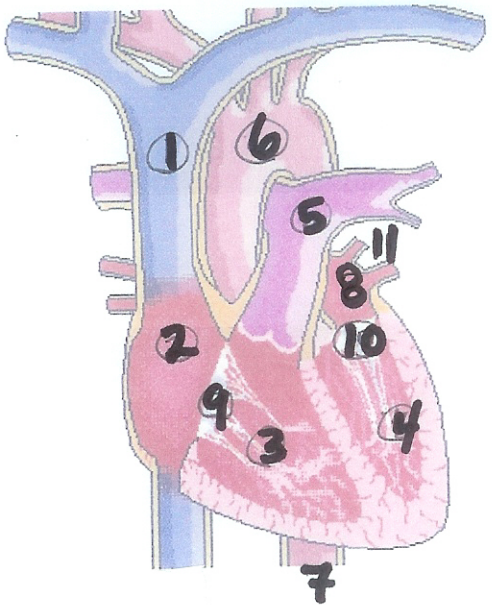
Human Heart Picture (Surface View)



Heart (Cut View)



Listed below are some anatomical terms for the human heart as diagramed from the surface and cut views. On the right side please identify by number of the corresponding part labeled 1 thru 11.

_____ Tricuspid Valve___

_____Left Atrium _____

_____Superior Vena Cava ___

_____Descending Aorta _____

_____Right Atrium _____

_____Left Ventricle_____

_____Arch of Aorta _____

_____Right Ventricle _____

_____Pulmonary Artery_____

_____Pulmonary Vein _____

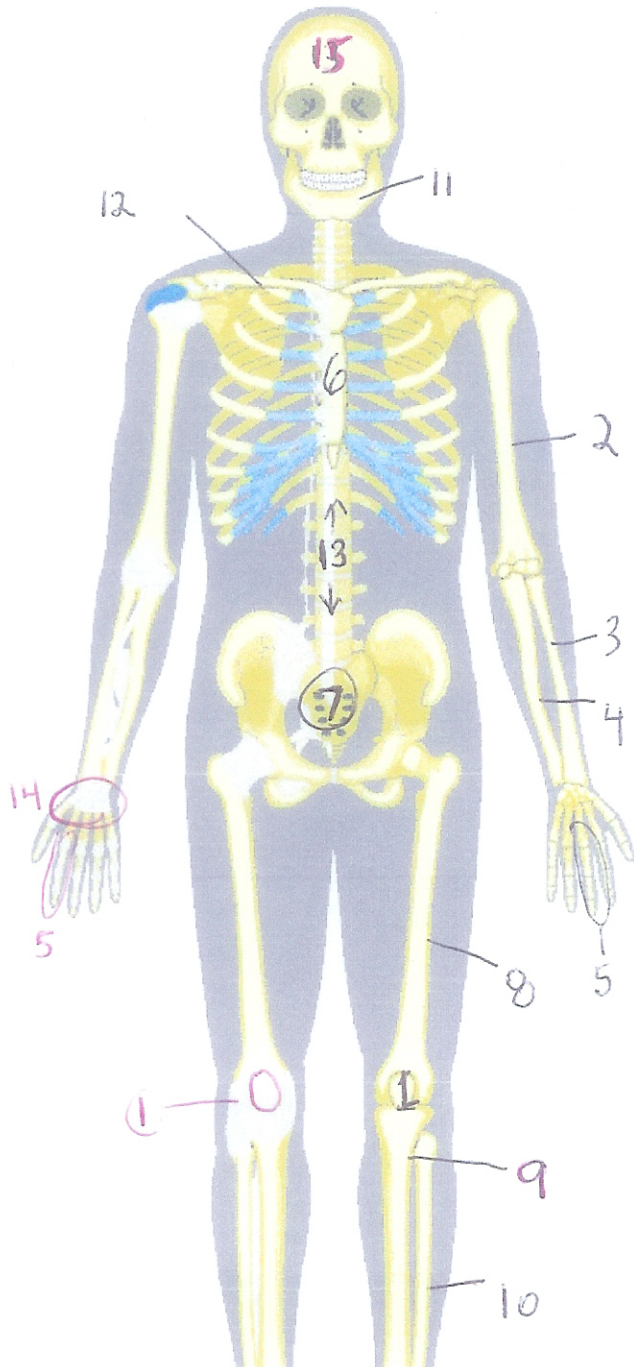
_____Mitral Valve _____

In the left column please trace the path of a red blood cell from the Vena Cava, through valves and chambers of the heart, towards the lungs to get oxygen, and then exiting the heart to take oxygenated blood to the body.

Word Bank for Skeletal Anatomy:

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.

Skull
femur
patella
mandible
tibia
sacrum
sternum
ulna
clavicle
fibula
phalanges
radius
carpus
spine
humerus



Two point questions:

Give an example of a ball and socket joint.

Give an example of a hinge joint.

Give an example of a pivot joint.

Humans have ___number of cervical vertebrae.
Humans have ___number of thoracic vertebrae
Humans have ___number of lumbar vertebrae.

Short answer questions: 3 points for each answer

Describe the key role of iron in the circulatory system.

What is the difference between an osteoclast and an osteoblast?

Where does hematopoiesis take place?

Define hypertension and why it can cause problems:

Define hypotension and why it can cause problems:

Explain the positive effects of exercise on the skeletal system:

Explain the difference between an exoskeleton and an endoskeleton:

What is the purpose of platelets?

What is the largest single bone in the human body?

Do all arteries carry oxygenated blood? Explain your answer.