**Human Anatomy & Physiology**

**7. Axial Skeleton homework questions**

Name and date submitted (3 pts):

Using this handout as a TEMPLATE, create space in between problems below and write or type your answers. Turn in your completed work as an email attachment.

(25 questions, 100 points possible)

1. The two divisions of the skeleton are the \* skeleton and the \* skeleton.

Skull

1. The \* suture joins the frontal bone to the parietal bones.
2. The \* suture joins the parietal bones to the occipital bone.
3. Name the three cranial bones that contain sinuses \*
4. This bone forms the bridge of the nose \*
5. The \* is the only movable bone in facial skeleton.
6. Contains sockets of upper teeth \*
7. The \* bone supports the tongue.

Vertebral Column and Thoracic Cage

1. The thoracic cage is composed of \* pairs of ribs.
2. The vertebral column encloses and protects the \*
3. The \* of the vertebrae support the weight of the head and trunk.
4. The \* separate adjacent vertebrae.
5. The first vertebra is also called the \*
6. When the head is moved from side to side, the first vertebra pivots around the \* of the second vertebra.
7. The \* vertebrae have the largest and strongest bodies.
8. The number of vertebrae that fuse to form the sacrum is \*
9. The spinous process projects \*(directional term) from the vertebrae, while the two transverse processes project \*(directional term) from the vertebrae.
10. The above three processes serve as \*(verbatim answer in book)
11. The \* at the inferior end of the sacrum is composed of several fused vertebrae.
12. C1 through C7 are called \* vertebrae.
13. T1 through T12 are called \* vertebrae.
14. L1 through L5 are called \* vertebrae.
15. The ribs are attached posteriorly to the \*
16. The last 2 pairs of ribs that have no cartilaginous attachments to the sternum are sometimes called \* ribs.
17. List three general functions of the thoracic cage \*(verbatim answer in book)