**Assignment Week 4**

**Fetal Measurements and Anatomy Scan and Others**

Fill in the blank (s) with the word(s) that best complete the statements about the gestational age assessment in the second trimester.

**Part I**

1. In the second trimester, the gestational age parameters extend to the \_ \_ \_\_\_\_\_\_\_ diameter, \_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_circumference, and \_\_\_ \_\_\_\_\_\_\_length.

2. The BPD should be measured perpendicular to the fetal skull at the level of the \_ \_\_\_\_\_\_\_and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3. The head shape should be \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_not round (brachycephaly) because this can lead to overestimation of gestational age, just flattened or compressed head (dolicocephaly) can lead to underestimation of gestational age.

4. The fetal abdomen should be measured in a transverse plane at the level of the \_\_ \_\_\_\_\_\_\_\_where the vein branches into the left portal sinus.

5. Often an echo from the near side of the cartilaginous distal femoral condyles will be seen, called the “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”, and should not be included in the measure of the diaphysis.

6. Used in the first trimester to estimate appropriate gestational age with dates\_\_ \_\_\_\_\_\_\_\_\_\_\_

7. When obtaining a biparietal diameter measurement, the calipers should be placed from the \_ \_\_\_\_\_edge of the parietal bone to the edge of the opposite parietal bone.

8. The abdomen should be more than oval because an oval shape indicates an oblique cut resulting in a false estimation of size.

9. In general the CRL should increase at a rate of mm per day.

10. If the \_ \_\_\_\_\_\_\_\_\_\_\_appears to float or dangle within the cavity, measurements of ventricular size are recommended to exclude abnormally enlarged or dilated ventricles (ventriculomegaly).

**Part II**

The second and third trimester sonography examination should include documentation from the following structures in each area:

|  |
| --- |
| **Maternal Structures:** |
| **Fetal Environment:** |
| **CNS:** |
| **Face:** |
| **Thorax:** |
| **Abdomen:** |
| **Pelvis:** |
| **Extremities:** |