Fetal Development Webquest

Visit the following website to answer the questions below:
http://www.mayoclinic.com/health/prenatal-care/pr00112

FIRST TRIMESTER OF PREGNANCY:

1. What is a zygote? ____________________________
   How many cells is it made of? __________________
2. How many chromosomes does a zygote have?_____
   How many from each parent? ____________________
3. As the zygote travels down the fallopian tubes
towards the uterus, it divides into tiny cells. The inner
group of cells will become the ___________________
The outer group of cells will become the _____________and __________________
4. During week four, the zygote is now called the _______ will implant in the uterine wall.
5. What week does the placenta begin to form? _______________________
6. The fifth week marks the beginning of the __________ period, and the ___________ is
   made up of __________ layers.
7. During week 5, the mesoderm will serve as the foundation for the baby's __________.
   __________, __________, __________, and much of the _____________.
8. During week 6, the heart begins to: __________________________________________
9. What becomes visible during week 7? ________________________________
10. When do fingers begin to form? _________________________________________
11. The baby is now considered a FETUS during week ___________________________
12. What is developing during week 12? _________________

Visit this link: http://www.mayoclinic.com/health/fetal-development/PR00113

SECOND TRIMESTER OF PREGNANCY

13. In week 13, ______________ that will become bone is also developing around the baby's
    head and within his or her ________________________________.
14. During week 14, red blood cells are ________________________________
Sometimes __________ can be determined as early as week 14.

15. Fat stores begin developing during week ________________________, and provide
_________________________ AND ________________________________.

16. When will the fetus begin to hear noises? ______________________________

17. Halfway (week 20) during pregnancy, the fetus is ______________________ inches long.

18. During week 23, the baby's tongue is developing ____________________________.

19. During the end of the second trimester (week 27), what continues to mature:
_____________________________ and ________________________________.

Which diagram best shows the fetus around the end of the second trimester (circle one)?


**THIRD TRIMESTER OF PREGNANCY**

20. Eyelashes begin to form during week ________________________________

21. During week 33, the baby's pupils will: __________, ________, and ________________

22. At what week does the baby begin gaining ½ pound each week: Week _________

23. A baby is considered full term at week: ________________________________

24. During week 37, what is the baby doing to prepare for birth: __________________________

25. During week 39, the placenta continues to supply the baby with antibodies that:
_____________________________ _________________________________.

26. What arrives at week 40? _______________________________________

27. What is the approximate size and weight of an average newborn?
________________________________________________________________________
