Introduction to the Female Pelvis

Learning Objective
After completing this exercise, you will be able to identify the major organs of the female pelvis and their blood supply.

1. **Start by setting the screen view:**
   - Select “Classic” from the “Views” drop down menu in the upper-left corner of the screen

2. **Start by selecting the Visible Human Female:**
   - From the “Datasets” drop down menu choose the “Visible Human Female Pelvis”
   - Reset the dissection by clicking the “Reset” button in the upper-right corner of the screen
   - Drag the reference plane in the dissection area by its blue border to the middle of the pelvis
     
     (The cross sections are numbered in the lower left corner, you should be close to 529)
   - Explore the anatomy of the pelvis by moving your mouse over the cross section
     
     (structures are identified in the upper right corner of the cross section area)

3. **Skin the cadaver to reveal the anatomy below:**
   - Select the “Dissect” tool from the toolbar
     
     (turns blue when selected)
   - Click on the skin to remove it
     
     (now you see the fat and other subcutaneous tissue)
   - Remove the fat just like the skin

4. **Take a closer look:**
   - Use the “Zoom” control located in the toolbar below the dissection area, to enlarge the dissection
   - Select the “Move” tool and drag the dissection with your mouse to reposition it if needed

5. **Identify the viscera of the pelvis:**
   - Select the “Regions” tab
   - Expand the “Abdomen and Pelvis” using the icon to the left of it
   - Select “Muscles” from the list
   - Click the “Remove” button below
   - Select the “Index” tab
   - Enter “Bladder” into the search box
   - Select the “Urinary bladder” from the list
   - Click the “Add & Highlight” button

6. **Isolate the arteries that feed the uterus by simplifying the dissection:**
   - Click the “Clear” button to clear the dissection area
   - Select the “Systems” tab
   - Select “Skeletal system” and click the “Add” button
   - Select the “Regions” tab and expand the “Abdomen and Pelvis”
   - Expand “Arteries” and then expand the “Common iliac artery”
   - Select the “Internal iliac artery” and click “Add & Highlight”
   - Use the index to add and highlight the Uterus

Name the other main pelvic organs?
1. ___________________________ 2. ___________________________

Add, remove and highlight groups of structures with the Systems, Regions and Tissues tabs
During pregnancy, the Uterus expands anteriorly and superiorly, displacing the previous structure anteriorly and inferiorly.

What rigid structure prevents this displacement?
(This displacement leads to the urinary frequency common to late term pregnancy)

1. ________________