The Language of Anatomy

Body Cavities

1. Complete the following statements by filling in the answer blanks with the correct terms (dorsal or ventral):

   The abdominoplevic and thoracic cavities are subdivisions of the ventral body cavity; the cranial and spinal cavities are parts of the dorsal body cavity. The dorsal body cavity is totally surrounded by bone and provides very good protection to the structures it contains.

2. Complete the figure labeling those body cavity subdivisions that have leader lines.

3. Using the key choices, identify the body cavities where the following body organs are located.

   KEY CHOICES:
   a. Abdominoplevic (9)  b. Cranial (1)
   c. Spinal (1)  d. Thoracic (2)


4. From the key choices, select the body cavities where the following surgical procedures would occur. Insert the correct letters in the answer blanks. Be precise, select the name of the cavity subdivision if appropriate. Some may be used more than once, some may not be used at all.

   KEY CHOICES
   a. Abdominal  b. Cranial  c. Dorsal
d. Pelvic  e. Thoracic  f. Ventral

   1. Removal of the uterus or womb
   2. Coronary bypass surgery
   3. Removal of a serious brain tumor
   4. Removal of a "hot" appendix
   5. A stomach ulcer operation
5. Complete the figure by labeling each of the abdominal regions indicated by a leader line.

6. Select the key choices that identify the following body parts or areas. Enter the appropriate letters in the answer blanks.

**KEY CHOICES**

- a. Abdominal
- b. Antecubital
- c. Axillary
- d. Brachial
- e. Buccal
- f. Calf
- g. Cervical
- h. Femoral
- i. Gluteal
- j. Groin
- k. Lumbar
- l. Occipital
- m. Popliteal
- n. Pubic
- o. Umbilical
- p. Scapular

- A. 1. Armpit
- B. 6. Anterior aspect of elbow
- C. 2. Thigh region
- D. 5. "Belly button" area
- E. 10. Pertaining to the check
- F. 7. Posterior aspect of head
- G. 4. Neck region
- H. 3. Buttock area
- I. 8. area where trunk meets thigh
- J. 9. Back area from ribs to hips

**Legend:**
- Rt. Right
- Lf. Left
7. Correctly label all body areas indicated with leader lines.

KEY CHOICES
a. Abdominal  c. Calcaneal  e. Calcaneal  i. Femoral  m. Scapular
b. Acromial  f. Carpal  j. Lumbar  n. Sural
c. Axillary  g. Coxal  k. Orbital
b. Acromial  h. Digital  l. Popliteal
m. Scapular
n. Sural

8. Identify the section labeled A and B in the figure.

9. The body positions indicated by the diagrams are fairly close to the anatomical position. What body part(s) are incorrectly depicted? thumbs, palms