

# Cat Dissection

Complete the Lab Write Ups by filling in blanks within the procedure.

**Title:** The Digestive System Lab

**Purpose:** To dissect and observe the structures of the cat digestive system

**Materials:** shirt, gloves, paper towels, scalpel, forceps, scissors, probes, cat, colored pencils, rubber bands, drawing paper, lab manuals, handouts

## Dissection of the Cat Digestive System

**Procedure:**

1. Use the illustration manual to aid in identifying the structures of the cat digestive system.
2. Using scissors, continue your cut from the cardiovascular system from the **xiphoid process** to the pelvic region groin area. Again, make sure that you \_\_\_\_\_ and cut as you cut through the abdominal cavity so as to avoid cutting and damaging abdominal organs.
3. After your initial cut through the abdominal cavity, locate the \_\_\_\_\_ and cut it off of the inner wall of the abdominal cavity. **(Make sure when you cut the diaphragm off of the inner wall of the abdominal cavity that you preserve the dome-shape of the diaphragm)**
4. At the pelvic region, make cuts laterally and dorsally through the \_\_\_\_\_ (muscle) toward the spine on both sides
5. Carefully peel back the abdomen and remove the \_\_\_\_\_ off of the abdominal organs.
6. Once off of the abdominal organs, separate the greater omentum from the greater curvature of the \_\_\_\_\_ and the spleen. Be careful when removing the greater omentum not to mistakenly remove the \_\_\_\_\_, which is the accessory organ underneath the stomach.
7. Discard the greater omentum.
8. Next, dissect out the \_\_\_\_\_, which is underneath the trachea, by removing connective tissue.
9. Identify, pin & label the following structures:
  - Esophagus\*
  - Liver\*
  - Gallbladder\*
  - Stomach\*
  - Pancreas\*
  - Small intestine (3 sections)\*
    - Duodenum
    - Jejunum
    - Ileum
  - Large intestine (4 sections)\*
    - Cecum
    - Ascending colon
    - Transverse colon
    - Descending colon
    - Sigmoid colon
    - Rectum
  - Anus\*
  - Mesentery\*