# 16A Crayfish (50 points)

1. Exoskeleton
2. Head (mouth parts in Box A) --5pts
3. Thorax
4. Abdomen (about 17 parts labeled in Box 16a-1) --9pts
5. Make sure all blanks are filled in for : --18 pts
   1. Respiratory
   2. Circulatory
   3. Reproductive
   4. Digestive
   5. Excretory
   6. Nervous
6. Drawings (3—digest/excret, repro/circul, nervous/respir) --10 pts
7. 9 Life Processes Chart --8 pts

# 16B Grasshopper (50 points)

1. Examine the external parts with a hand lens.
2. Answer Q on p.151 –8 pts
3. Draw in details and label all external structures in Box 1 (p.152) --8 pts
4. Locate and label all mouth parts in Box 2, answer the Q (p.152) –6pts
5. Read section 16B in Text and take notes on the Order Orthoptera. –8 pts
6. Research the text and WIKI or other source, and take notes on the grasshopper specifically. Use the list from Lab 16C p.153 as a guide for what you’re looking for (i.e. number of wings, type of mouthparts, process of metamorphosis/life cycle, special characteristics, habitat, food, instincts, value/harm to man …) –12 pts
7. Create a Life Processes Chart that summarizes the info for the 9 Life Processes of the grasshopper. –8 pts