

13. Raise the wings to find the disk shaped tympanum underneath. The tympanum functions as an eardrum. How many tympanum are found on the grasshopper? _____

14. Look at the abdomen and find the row of holes along it; these are the spiracles and they function in respiration (breathing). How many spiracles do you count? _____

15. The sex of the grasshopper can be determined by looking at the last segment of the abdomen. Females have a large pair of pointy structures called the-ovipositor, which are used to deposit eggs into soil. Is you grasshopper a male or a female? _____

GRASSHOPPER COLORING

Walking Leg

Jumping Leg

Claws

Carapace

Hindwing

Forewing

Tympanum

Spiracles

Antenna

Abdomen

Labrum

Head

Thorax

**Choose a color for each structure, color the box and the structure*

