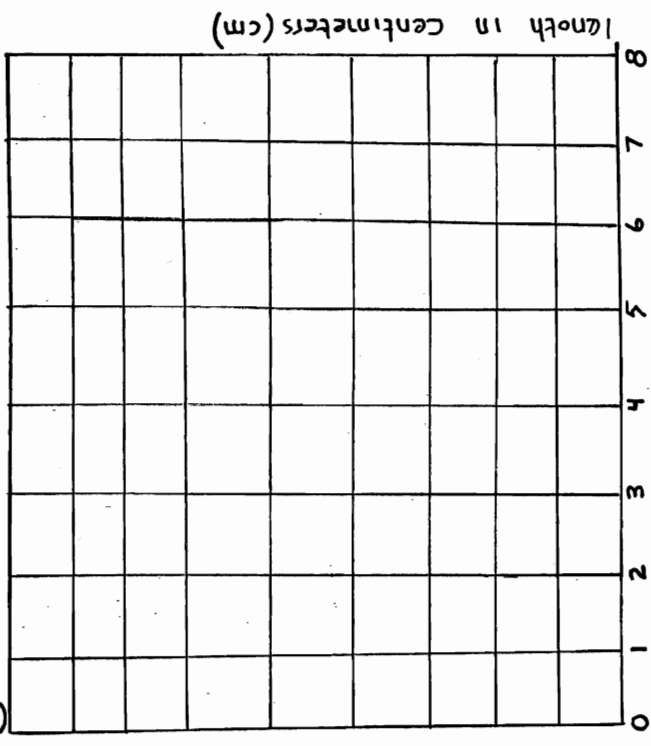


how big am I?

Insect diversity size and shape

this is a sideways bar graph (use color) Standards 52a, 56a, 56b, 57a, 57d

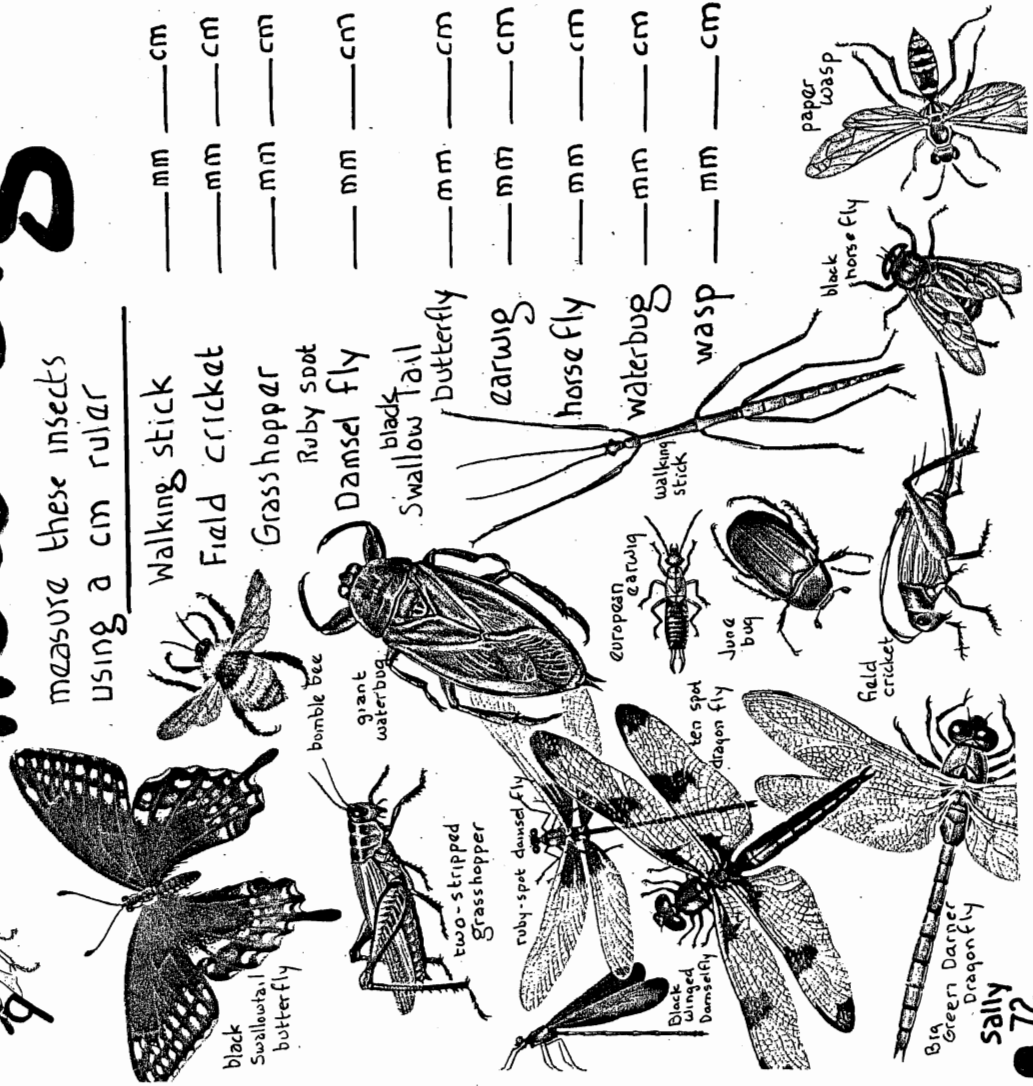
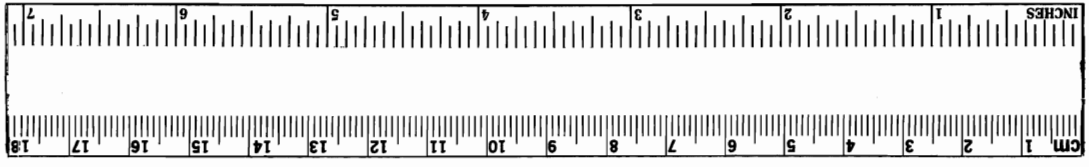


Which insect is longest? _____
 Which insect is smallest? _____
 How much longer is the waterbug than the bee? _____
 Which insects are the same length? _____

Sally

our goal is to use a ruler to measure insects and to compare size using a graph

cut out and use this ruler



Walking stick _____ mm _____ cm
 Field cricket _____ mm _____ cm
 Grasshopper _____ mm _____ cm
 Ruby soot Damsel fly _____ mm _____ cm
 black Swallowtail butterfly _____ mm _____ cm
 European earwig _____ mm _____ cm
 June bug _____ mm _____ cm
 field cricket _____ mm _____ cm
 black horse fly _____ mm _____ cm
 waterbug _____ mm _____ cm
 wasp _____ mm _____ cm

camo bug

measure these insects using a cm ruler

Walking stick

Field cricket

Grasshopper

Ruby soot Damsel fly

black Swallowtail butterfly

European earwig

June bug

field cricket

black horse fly

waterbug

wasp



bumble bee

grant waterbug



European earwig

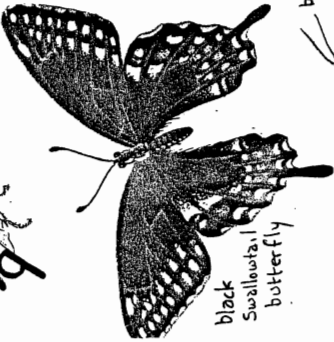


field cricket

black horse fly

waterbug

wasp



black Swallowtail butterfly



two-stripped Grasshopper



ruby-spot damselfly

Black winged Damselfly



ten spot dragon fly



Big Green Darter Dragonfly

Sally 72