

Result Unknown		Change Unknown	Start Unknown
Join	_____ ladybugs were crawling around in the garden. _____ more ladybugs joined them. How many ladybugs were in the garden altogether?	_____ butterflies were sitting on a bush. How many more butterflies need to sit on the bush to have _____ altogether?	Some wasps were buzzing around their nest. _____ more wasps came. Then there were _____ wasps altogether. How many wasps were by the nest to start with?
Separate	There were _____ ants collecting food for the colony. _____ ants found food and went back to the anthill. How many ants were still looking for food?	_____ mosquitoes were buzzing around a pond. A frog caught some. Then there were _____ mosquitoes buzzing around. How many mosquitoes did the frog catch?	There were some crickets singing their song. _____ of the crickets stopped singing. Then there were _____ crickets still singing. How many crickets were singing to start with?
Difference Unknown		Compare Total Unknown	Reference Set Unknown
Compare	A brown grasshopper jumped _____ feet. A green grasshopper jumped _____ feet. How much farther did the brown grasshopper jump than the green grasshopper?	A toad ate _____ dragonflies. A snake ate _____ more dragonflies than the toad. How many dragonflies did the snake eat?	One night Mary caught _____ lightning bugs. She caught _____ more than Tom. How many lightning bugs did Tom catch?
Whole Unknown		Part Unknown	
Part- Part- Whole	A spider caught _____ flies in its web. It also caught _____ beetles. How many insects did the spider catch altogether?	_____ bees were getting pollen from some flowers. _____ of them were honeybees. How many were not honeybees?	

Children's Literature to Connect: The Grouchy Ladybug

Adapted from *CGI Problems for Primary Students, 1996*