|  |  |  |  |
| --- | --- | --- | --- |
|  | Result Unknown | Change Unknown | Start Unknown |
| Join | Jill put a bird feeder in her yard. On Saturday \_\_\_\_\_ cardinals came to the feeder. On Sunday \_\_\_\_\_ different birds came to the feeder. How many birds came to the feeder altogether? | Sara has \_\_\_\_\_ feathers in her collection. How many more feathers does she need to get to have \_\_\_\_\_ altogether? | Some pigeons were eating bread crumbs in the park. \_\_\_\_\_ more pigeons came and started eating. Then there were \_\_\_\_\_ pigeons altogether. How many pigeons were in the park to start with? |
| Separate | Kevin found \_\_\_\_\_ bird feathers in the park. On his way home he lost \_\_\_\_\_ of the feathers. How many feathers does Kevin have now? | John had \_\_\_\_\_ sunflower seeds. He fed some to the birds. Now he has \_\_\_\_\_ seeds left. How many seeds did John feed to the birds? | A flock of swans was flying north. \_\_\_\_\_ of the swans stopped to rest. Then there were \_\_\_\_\_ swans flying. How many swans were in the flock to start with? |
|  | Difference Unknown | Compare Total Unknown | Reference Set Unknown |
| Compare | There were \_\_\_\_\_ bluejays sitting on a tree branch. There were \_\_\_\_\_ bluejays sitting on a telephone wire. How many more bluejays were on the tree branch than on the wire? | Jenny and her mom were bird watching. Jenny saw \_\_\_\_\_ birds. Her mom saw \_\_\_\_\_ more birds than Jenny. How many birds did Jenny’s mom see? | A cardinal had \_\_\_\_\_ long tail feathers. He has \_\_\_\_\_ more long tail feathers than a robin. How many long tail feathers does the robin have? |
|  | Whole Unknown | Part Unknown |
| Part-Part-Whole | A hungry hummingbird sucked nectar from \_\_\_\_\_ pink flowers and \_\_\_\_\_ blue flowers. How many flowers did the hummingbird get nectar from? | There were \_\_\_\_\_ owls in a tree. \_\_\_\_\_ owls were sleeping. How many owls were not sleeping? |

Children’s Literature to Connect:

*Adapted from CGI Problems for Primary Students, 1996*