

	Result Unknown	Change Unknown	Start Unknown
Join	There were _____ mice playing in a field. _____ more mice came and started playing too. How many mice were in the field altogether?	There were _____ mice running around the barn. How many more mice need to come to the barn for there to be _____ mice altogether?	Tim had some pet mice. Steve gave him _____ more mice. Now Tim has _____ mice. How many mice did Tim have to start with?
Separate	_____ mice were nibbling on a piece of cheese. _____ mice got full and stopped eating. How many mice were still eating?	Oscar Mouse had _____ pieces of cheese. He gave some to his little brothers and sisters. Now Oscar has _____ pieces left. How many pieces did he give to his brothers and sister?	Mother Mouse had some babies. _____ ran away. Now she has _____ babies left. How many baby mice did Mother Mouse have to start with?
	Difference Unknown	Compare Total Unknown	Reference Set Unknown
Compare	_____ mice were eating cheese. _____ mice were eating bread crumbs. How many more mice were eating cheese than were eating bread crumbs?	James has _____ pet mice. Sara has _____ more mice than James. How many pet mice does Sara have?	The brown mouse has _____ bread crumbs. The brown mouse has _____ more bread crumbs than the white mouse. How many bread crumbs does the white mouse have?
	Whole Unknown		Part Unknown
Part- Part- Whole	There were _____ mice sleeping in the attic and _____ mice sleeping in the basement. How many mice were sleeping in the house?		There were _____ pet mice in a cage. _____ of them were black. How many mice were not black?

Children's Literature to Connect: If You Give a Mouse a Cookie

Adapted from *CGI Problems for Primary Students*, 1996