

Result Unknown		Change Unknown	Start Unknown
Join	There are 9 planets in our solar system. If there were another solar system with _____ planets, how many planets would that be altogether?	Corrie had _____ star stickers. Her mom gave her some more. Then Corrie had _____ star stickers. How many stickers did her mom give her?	Saturn has more moons than any other planet. Uranus has 21 moons. Together they have 51 moons. How many moons does Saturn have?
Separate	Since Mercury is smaller, and has less gravity you would not weigh as much as you do on Earth. If you weigh 70 pounds on Earth, you would weigh only about 27 pounds on Mercury. How much weight would you have lost?	Jason had _____ toy space shuttles. He lost some. Then he had _____ space shuttles. How many space shuttles did Jason lose?	Phobos is one of Mars moons. Every 100 years it gets almost 2 meters closer to the surface of Mars. In 2106 it will be about 9,379,998 meters away. In 2006, how far away is Phobos from Mars?
Difference Unknown		Compare Total Unknown	Reference Set Unknown
Compare	Cooper looked through a telescope and saw _____ planets. Elizabeth looked through a telescope and saw _____ planets. How many more planets did Cooper see?	Uranus has 21 moons. Five of these are large, while the rest are much smaller. How many smaller moons does Uranus have?	
Whole Unknown		Part Unknown	
Part-Part-Whole	Four of Jupiter's large moons formed around Jupiter long ago. Twenty-four of Jupiter's moons are very small, and were probably once asteroids that got too close to Jupiter. How many moons does Jupiter have?	Nathan bakes _____ cookies for his class. _____ of them were shaped like crescent moons. How many of the cookies were not shaped like crescent moons.	

Children's Literature to Connect:

*Adapted from CGI Problems for Primary Students, 1996*