**One (Equation) for All and All for One**

1. A magician has a magic trick that uses an 18” length of string that is cut into two pieces. One piece is 2 inches longer than the other. Find the length of each piece.
2. The Interscholastic Math Team has 18 members, all freshmen and sophomores. There are two more freshman than sophomores. Find the number of freshman and the number of sophomores.
3. Find two numbers such that one number is 2 more than the other and their sum is 18.
4. What do you notice that is similar about the three problems above?