

S-D-M problem

【Question1】 Alex and Ben play games, and for each round, the loser gives the winner one card. Initially, Alex had 18 cards and Ben had 22 cards. After playing a few rounds, Alex had 10 more cards than Ben. At this time, how many cards did Alex and Ben have respectively?

【Question2】 Bunny Coco and bunny Daisy have 100 carrots in total, and the number of carrots bunny Daisy has is 4 more than 3 times the number of carrots bunny Coco has. How many carrots do they each have?

【Question3】 Fangtian School bought some chalk. White chalk is 15 boxes more than coloured chalk. White chalk is 3 boxes less than 4 times of coloured chalk. How many boxes of white chalk and coloured chalk are there respectively?

【Question4】 Cup A and B have a total volume of 900 ml water. Ben poured 40 ml of water from cup A into cup B. He then drank 60 ml of water from cup B. After that, cup A has twice the amount of water in cup B. How much water did cup B have at first?

【Question5】 The red ribbon is twice as long as the blue ribbon. The green ribbon is 2cm shorter than the blue ribbon. A red ribbon and two green ribbons together measure 16cm. How Long is the blue ribbon?