A Logical Saturday

(Matúš Kubášek)

It was morning, 7 o'clock and a father of family was preparing a plan of work for that day, as he did every Saturday. The family consisted of five members. They were: father, mother, two girls called Janka and Danka and one boy, Juro. Juro vacuum-cleaned room with area of 17 m^2, living room with area of 13 m^2 and finally, long hall, with area of 77 m^2. He didn't know, how many m^2 he had to vacuum-clean, so he asked his siblings. Janka told him: "Count it by yourself, me and Danka have much work to do." Janka and Danka had to wash up glasses from all three kitchens. In the first one, there were 27 glasses, in the second one, there were 73 glasses and in the third one, there were 4 glasses. They had to wash up glasses and then put them into drawers. They could put 30 into one drawer. How many drawers did they have to use? Father had to go fuel up. He ordered some of petrol on three stations. On the first one, he had 37 litres, on the second one 74 litres and on the third one 42 litres. He had to count, how many 40l tanks he will need. And mom, Josephine, had probably least work to do. She had to put books onto shelves. She can put 3 books into first one, 70 books into second and 40 books into third. There was 20 yellow books, 50 green books and 3 blue books. At least how many shelves had to be filled with books? Finally, it was 6 o'clock in the evening and family was preparing for they Christmas Eve dinner.