



Problem of the Week

Problem D

Let's Hit the Pool

In Wei's family, there are four children and three adults. Every weekend they all go swimming together. To use the public swimming pool, each person needs a ticket.

Wei's parents buy their tickets in bulk and keep them in a box. At the beginning of the year the ratio of adult to child tickets in the box was 11 : 14.

Wei's family used the tickets every weekend to go swimming until they no longer had enough tickets for everyone in their family. At that point, there were no child tickets left in the box and 3 adult tickets left in the box. How many tickets were in the box at the beginning of the year?

